

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016509.D
 Acq On : 27 Nov 2023 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 00:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	146847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	223548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	92711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60623	45.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.340%			
35) Dibromofluoromethane	7.728	113	71761	56.509	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.020%			
50) Toluene-d8	10.191	98	268307	52.102	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.495	95	90868	54.329	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	72599	50.490	ug/l	97
3) Chloromethane	2.119	50	72986	43.341	ug/l	97
4) Vinyl Chloride	2.259	62	85832	47.400	ug/l	97
5) Bromomethane	2.662	94	56451	47.437	ug/l	98
6) Chloroethane	2.802	64	53727	46.499	ug/l	98
7) Trichlorofluoromethane	3.137	101	141828	53.835	ug/l	96
8) Diethyl Ether	3.540	74	35434	45.003	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.905	101	80319	50.619	ug/l	97
10) Methyl Iodide	4.100	142	91447	53.362	ug/l	98
11) Tert butyl alcohol	4.972	59	17313	164.731	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	76754	51.723	ug/l	85
13) Acrolein	3.741	56	44595	351.785	ug/l	96
14) Allyl chloride	4.491	41	88217	41.892	ug/l #	88
15) Acrylonitrile	5.173	53	61580	197.074	ug/l	97
16) Acetone	3.954	43	37908	170.754	ug/l #	81
17) Carbon Disulfide	4.210	76	219369	48.995	ug/l	99
18) Methyl Acetate	4.484	43	45548	38.611	ug/l #	81
19) Methyl tert-butyl Ether	5.234	73	157314	43.800	ug/l	95
20) Methylene Chloride	4.728	84	81752	52.286	ug/l #	80
21) trans-1,2-Dichloroethene	5.234	96	86984	50.910	ug/l	88
22) Diisopropyl ether	6.131	45	185395	40.851	ug/l #	84
23) Vinyl Acetate	6.076	43	405759	184.520	ug/l #	86
24) 1,1-Dichloroethane	6.033	63	131105	46.827	ug/l	95
25) 2-Butanone	6.996	43	63828	164.145	ug/l #	78
26) 2,2-Dichloropropane	6.996	77	126416	49.611	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	93526	50.793	ug/l	86
28) Bromochloromethane	7.344	49	45676	44.081	ug/l #	66
29) Tetrahydrofuran	7.356	42	43657	169.860	ug/l #	76
30) Chloroform	7.521	83	145635	49.974	ug/l	98
31) Cyclohexane	7.795	56	112860	42.711	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	139166	52.095	ug/l	94
36) 1,1-Dichloropropene	7.929	75	112991	51.242	ug/l	96
37) Ethyl Acetate	7.082	43	32114	36.045	ug/l #	92
38) Carbon Tetrachloride	7.911	117	132372	57.841	ug/l	99
39) Methylcyclohexane	9.197	83	144512	52.595	ug/l	86
40) Benzene	8.173	78	323122	52.157	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016509.D
 Acq On : 27 Nov 2023 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 28 00:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	14828	33.008	ug/l #	81
42) 1,2-Dichloroethane	8.246	62	77124	48.046	ug/l	90
43) Isopropyl Acetate	8.283	43	63311	36.762	ug/l #	82
44) Trichloroethene	8.953	130	99227	55.730	ug/l	95
45) 1,2-Dichloropropane	9.228	63	72377	48.646	ug/l	100
46) Dibromomethane	9.319	93	39858	49.436	ug/l	97
47) Bromodichloromethane	9.508	83	107199	51.717	ug/l	100
48) Methyl methacrylate	9.301	41	36018	37.842	ug/l #	76
49) 1,4-Dioxane	9.313	88	7506	876.909	ug/l #	60
51) 4-Methyl-2-Pentanone	10.081	43	156744	179.985	ug/l #	85
52) Toluene	10.252	92	209458	53.486	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	98626	49.082	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	122091	50.871	ug/l #	82
55) 1,1,2-Trichloroethane	10.654	97	56183	50.558	ug/l	96
56) Ethyl methacrylate	10.520	69	47514	45.294	ug/l #	74
57) 1,3-Dichloropropane	10.800	76	91669	48.393	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	161468	227.005	ug/l #	87
59) 2-Hexanone	10.843	43	106840	164.934	ug/l	79
60) Dibromochloromethane	10.996	129	75764	54.514	ug/l	100
61) 1,2-Dibromoethane	11.099	107	53559	50.589	ug/l	98
64) Tetrachloroethene	10.733	164	100940	57.958	ug/l	98
65) Chlorobenzene	11.526	112	224597	54.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	84689	55.407	ug/l	99
67) Ethyl Benzene	11.605	91	402044	53.983	ug/l	97
68) m/p-Xylenes	11.715	106	308295	109.138	ug/l	93
69) o-Xylene	12.044	106	144145	54.960	ug/l	94
70) Styrene	12.056	104	206111	54.883	ug/l	97
71) Bromoform	12.221	173	43135	54.387	ug/l #	96
73) Isopropylbenzene	12.343	105	395838	52.725	ug/l	98
74) N-amyl acetate	12.154	43	51212	33.960	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.593	83	52782	43.814	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	40095m	45.083	ug/l	
77) Bromobenzene	12.623	156	89874	52.967	ug/l	87
78) n-propylbenzene	12.684	91	453642	51.130	ug/l	96
79) 2-Chlorotoluene	12.770	91	249856	51.100	ug/l	97
80) 1,3,5-Trimethylbenzene	12.824	105	322781	53.326	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	17306	42.237	ug/l	90
82) 4-Chlorotoluene	12.867	91	257831	51.031	ug/l	97
83) tert-Butylbenzene	13.087	119	284262	53.317	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	313468	52.595	ug/l	97
85) sec-Butylbenzene	13.263	105	402347	52.824	ug/l	98
86) p-Isopropyltoluene	13.385	119	353266	53.863	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	171626	52.575	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	165335	51.824	ug/l	99
89) n-Butylbenzene	13.708	91	312351	51.569	ug/l	95
90) Hexachloroethane	13.977	117	66247	52.362	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	143668	51.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7668	40.007	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	82863	50.749	ug/l	99
94) Hexachlorobutadiene	15.129	225	54647	58.419	ug/l	97
95) Naphthalene	15.251	128	129556	44.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	64749	47.944	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
Data File : VY016509.D
Acq On : 27 Nov 2023 16:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 00:16:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
Data File : VY016509.D
Acq On : 27 Nov 2023 16:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 28 00:16:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

