

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016540.D
 Acq On : 29 Nov 2023 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 30 03:34:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

11/30/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	178211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	272630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	236120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	110068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	72923	51.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.580%	
35) Dibromofluoromethane	7.752	113	81890	51.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.203	98	316006	50.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.501	95	101735	52.256	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	70444	45.378	ug/l	98
3) Chloromethane	2.131	50	71229	45.996	ug/l	97
4) Vinyl Chloride	2.271	62	81305	46.517	ug/l	96
5) Bromomethane	2.680	94	55684	49.215	ug/l	99
6) Chloroethane	2.820	64	52549	46.571	ug/l	100
7) Trichlorofluoromethane	3.155	101	146139	48.296	ug/l	99
8) Diethyl Ether	3.558	74	41774	51.978	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.936	101	83722	48.742	ug/l	97
10) Methyl Iodide	4.131	142	97523	50.184	ug/l	96
11) Tert butyl alcohol	4.997	59	23248	260.519	ug/l #	81
12) 1,1-Dichloroethene	3.905	96	78865	49.128	ug/l	83
13) Acrolein	3.759	56	43023	254.430	ug/l	99
14) Allyl chloride	4.521	41	91724	49.702	ug/l #	87
15) Acrylonitrile	5.204	53	74094	260.532	ug/l	98
16) Acetone	3.978	43	62660	228.966	ug/l #	83
17) Carbon Disulfide	4.234	76	219497	48.464	ug/l	99
18) Methyl Acetate	4.515	43	57370	55.048	ug/l #	82
19) Methyl tert-butyl Ether	5.265	73	182722	52.232	ug/l	95
20) Methylene Chloride	4.759	84	84558	51.436	ug/l #	81
21) trans-1,2-Dichloroethene	5.271	96	87661	49.029	ug/l	85
22) Diisopropyl ether	6.161	45	196530	50.787	ug/l #	83
23) Vinyl Acetate	6.100	43	462785	259.334	ug/l #	87
24) 1,1-Dichloroethane	6.057	63	135821	49.734	ug/l	97
25) 2-Butanone	7.021	43	88674	233.434	ug/l #	85
26) 2,2-Dichloropropane	7.021	77	132518	49.097	ug/l	94
27) cis-1,2-Dichloroethene	7.027	96	96348	50.158	ug/l	86
28) Bromochloromethane	7.368	49	49494	50.147	ug/l #	66
29) Tetrahydrofuran	7.386	42	55261	270.793	ug/l #	75
30) Chloroform	7.539	83	150013	49.284	ug/l	95
31) Cyclohexane	7.819	56	115745	46.827	ug/l #	82
32) 1,1,1-Trichloroethane	7.734	97	144533	49.000	ug/l	94
36) 1,1-Dichloropropene	7.953	75	114025	48.257	ug/l	96
37) Ethyl Acetate	7.106	43	39360	53.148	ug/l #	89
38) Carbon Tetrachloride	7.935	117	135467	48.847	ug/l	96
39) Methylcyclohexane	9.215	83	146719	49.782	ug/l	87
40) Benzene	8.191	78	328437	49.024	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016540.D
 Acq On : 29 Nov 2023 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

11/30/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Nov 30 03:34:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	20710	53.087	ug/l	89
42) 1,2-Dichloroethane	8.270	62	83318	50.186	ug/l	89
43) Isopropyl Acetate	8.301	43	77811	53.432	ug/l #	84
44) Trichloroethene	8.971	130	102158	49.506	ug/l	94
45) 1,2-Dichloropropane	9.246	63	73904	48.887	ug/l	99
46) Dibromomethane	9.331	93	44026	51.792	ug/l	97
47) Bromodichloromethane	9.526	83	112699	50.216	ug/l	98
48) Methyl methacrylate	9.319	41	44608	54.561	ug/l #	77
49) 1,4-Dioxane	9.331	88	7967m	1011.168	ug/l	
51) 4-Methyl-2-Pentanone	10.093	43	198882	261.787	ug/l #	83
52) Toluene	10.270	92	214582	49.860	ug/l	93
53) t-1,3-Dichloropropene	10.489	75	108569	52.205	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	127874	50.742	ug/l #	83
55) 1,1,2-Trichloroethane	10.672	97	62882	51.265	ug/l	91
56) Ethyl methacrylate	10.532	69	55716	53.675	ug/l #	76
57) 1,3-Dichloropropane	10.813	76	101542	51.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	178755	278.483	ug/l #	87
59) 2-Hexanone	10.855	43	144219	240.328	ug/l	80
60) Dibromochloromethane	11.008	129	82955	51.741	ug/l	100
61) 1,2-Dibromoethane	11.111	107	59512	51.377	ug/l	100
64) Tetrachloroethene	10.746	164	103909	49.448	ug/l	98
65) Chlorobenzene	11.538	112	232193	49.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	89356	49.294	ug/l	100
67) Ethyl Benzene	11.617	91	409478	49.331	ug/l	96
68) m/p-Xylenes	11.727	106	315582	98.238	ug/l	93
69) o-Xylene	12.050	106	147953	50.168	ug/l	95
70) Styrene	12.068	104	216011	50.906	ug/l	97
71) Bromoform	12.233	173	48733	52.047	ug/l #	99
73) Isopropylbenzene	12.355	105	409573	49.068	ug/l	99
74) N-amyl acetate	12.166	43	62727	53.213	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.605	83	62081	50.104	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	44793m	48.469	ug/l	
77) Bromobenzene	12.629	156	94375	48.558	ug/l	88
78) n-propylbenzene	12.696	91	461552	48.333	ug/l	97
79) 2-Chlorotoluene	12.782	91	255784	48.158	ug/l	97
80) 1,3,5-Trimethylbenzene	12.837	105	329596	49.121	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.404	75	21264	50.182	ug/l	87
82) 4-Chlorotoluene	12.879	91	264851	48.567	ug/l	97
83) tert-Butylbenzene	13.099	119	297490	49.128	ug/l	96
84) 1,2,4-Trimethylbenzene	13.141	105	321612	49.232	ug/l	97
85) sec-Butylbenzene	13.276	105	412004	49.195	ug/l	98
86) p-Isopropyltoluene	13.391	119	358118	49.491	ug/l	98
87) 1,3-Dichlorobenzene	13.391	146	179343	48.868	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	175449	48.844	ug/l	99
89) n-Butylbenzene	13.714	91	318557	50.226	ug/l	95
90) Hexachloroethane	13.983	117	68709	48.667	ug/l	97
91) 1,2-Dichlorobenzene	13.763	146	154253	49.595	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	9749	55.929	ug/l	82
93) 1,2,4-Trichlorobenzene	15.031	180	92322	48.563	ug/l	97
94) Hexachlorobutadiene	15.135	225	56271	52.239	ug/l	98
95) Naphthalene	15.257	128	163007	48.338	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	75561	48.746	ug/l	99

11/30/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
Data File : VY016540.D
Acq On : 29 Nov 2023 16:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 30 03:34:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

11/30/2023
Supervised By :Semsettin
Yesilyurt

11/30/2023

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

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

