

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013019.D
 Acq On : 21 Mar 2023 11:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 04:16:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46857	41.709	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.420%		
35) Dibromofluoromethane	7.716	113	48938	47.526	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.060%		
50) Toluene-d8	10.179	98	160352	42.597	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.200%		
62) 4-Bromofluorobenzene	12.483	95	58991	46.428	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60328	54.093	ug/l	98
3) Chloromethane	2.113	50	57142	42.858	ug/l	100
4) Vinyl Chloride	2.253	62	55813	45.650	ug/l	99
5) Bromomethane	2.650	94	35826	48.224	ug/l	93
6) Chloroethane	2.796	64	34718	47.415	ug/l	100
7) Trichlorofluoromethane	3.131	101	87787	43.231	ug/l	97
8) Diethyl Ether	3.534	74	34068	47.875	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	63223	51.750	ug/l	99
10) Methyl Iodide	4.095	142	84221	52.908	ug/l	98
11) Tert butyl alcohol	4.948	59	25822	195.467	ug/l	99
12) 1,1-Dichloroethene	3.875	96	61591	52.859	ug/l	99
13) Acrolein	3.729	56	36410	184.987	ug/l	98
14) Allyl chloride	4.485	41	114644	53.265	ug/l	99
15) Acrylonitrile	5.161	53	88224	235.300	ug/l	99
16) Acetone	3.942	43	106473	241.460	ug/l	98
17) Carbon Disulfide	4.198	76	204736	51.621	ug/l	99
18) Methyl Acetate	4.479	43	59588	45.378	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	151179	50.232	ug/l	98
20) Methylene Chloride	4.716	84	70839	52.964	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	68345	53.976	ug/l	99
22) Diisopropyl ether	6.119	45	212267	54.298	ug/l	99
23) Vinyl Acetate	6.058	43	620130	255.304	ug/l	99
24) 1,1-Dichloroethane	6.015	63	117990	52.967	ug/l	99
25) 2-Butanone	6.984	43	127102	232.719	ug/l	96
26) 2,2-Dichloropropane	6.978	77	104366	52.750	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	72278	53.242	ug/l	100
28) Bromochloromethane	7.332	49	40558	49.821	ug/l	95
29) Tetrahydrofuran	7.344	42	74164	225.148	ug/l	98
30) Chloroform	7.502	83	116719	53.046	ug/l	98
31) Cyclohexane	7.789	56	109647	50.961	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	105351	52.944	ug/l	98
36) 1,1-Dichloropropene	7.917	75	93371	54.110	ug/l	99
37) Ethyl Acetate	7.070	43	49181	45.220	ug/l	99
38) Carbon Tetrachloride	7.899	117	96515	54.163	ug/l	100
39) Methylcyclohexane	9.185	83	113087	55.125	ug/l	97
40) Benzene	8.161	78	264357	54.159	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013019.D
 Acq On : 21 Mar 2023 11:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 04:16:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22731m	38.792	ug/l	
42) 1,2-Dichloroethane	8.234	62	76030	51.809	ug/l	100
43) Isopropyl Acetate	8.271	43	92431	47.635	ug/l	99
44) Trichloroethene	8.941	130	69084	53.681	ug/l	99
45) 1,2-Dichloropropane	9.216	63	66175	53.644	ug/l	96
46) Dibromomethane	9.307	93	35989	51.209	ug/l	99
47) Bromodichloromethane	9.496	83	87486	52.826	ug/l	98
48) Methyl methacrylate	9.295	41	44100	49.324	ug/l	99
49) 1,4-Dioxane	9.301	88	8496	935.147	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	248566	236.157	ug/l	99
52) Toluene	10.246	92	163513	55.546	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	89783	51.685	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	104812	53.307	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	48959	50.023	ug/l	98
56) Ethyl methacrylate	10.508	69	65353	50.078	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85814	51.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	164800	240.554	ug/l	99
59) 2-Hexanone	10.831	43	182867	239.050	ug/l	99
60) Dibromochloromethane	10.984	129	60982	51.186	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46856	49.699	ug/l	100
64) Tetrachloroethene	10.721	164	60045	54.999	ug/l	97
65) Chlorobenzene	11.514	112	167933	53.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	62001	53.241	ug/l	99
67) Ethyl Benzene	11.593	91	307456	55.567	ug/l	99
68) m/p-Xylenes	11.703	106	237103	111.391	ug/l	99
69) o-Xylene	12.032	106	110442	55.595	ug/l	98
70) Styrene	12.044	104	185822	56.053	ug/l	99
71) Bromoform	12.209	173	38150	50.245	ug/l #	96
73) Isopropylbenzene	12.331	105	298017	55.458	ug/l	100
74) N-amyl acetate	12.142	43	79420	46.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	57780	47.832	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	46016m	50.820	ug/l	
77) Bromobenzene	12.611	156	68282	52.305	ug/l	98
78) n-propylbenzene	12.672	91	368146	55.567	ug/l	99
79) 2-Chlorotoluene	12.758	91	200206	54.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	244232	55.072	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20582	47.099	ug/l	98
82) 4-Chlorotoluene	12.855	91	204542	53.662	ug/l	99
83) tert-Butylbenzene	13.075	119	209637	54.768	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	239375	55.199	ug/l	100
85) sec-Butylbenzene	13.258	105	322384	55.208	ug/l	99
86) p-Isopropyltoluene	13.373	119	262005	54.898	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133975	53.211	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	131765	51.277	ug/l	99
89) n-Butylbenzene	13.696	91	250173	54.756	ug/l	99
90) Hexachloroethane	13.965	117	51727	52.038	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	118071	51.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8587	43.984	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	68184	48.656	ug/l	97
94) Hexachlorobutadiene	15.111	225	43546	50.948	ug/l	96
95) Naphthalene	15.239	128	130120	46.336	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	58833	47.205	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
Data File : VY013019.D
Acq On : 21 Mar 2023 11:30
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 04:16:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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

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

