

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013040.D
 Acq On : 22 Mar 2023 11:37
 Operator : KP/MD
 Sample : VY0322SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0322SBS01

Quant Time: Mar 23 05:18:11 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 03/23/2023
 Supervised By :Mahesh Dadoda 03/23/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52936	51.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.400%			
35) Dibromofluoromethane	7.716	113	54161	57.157	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.320%			
50) Toluene-d8	10.179	98	172269	49.728	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.477	95	65894	56.356	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20622	20.092	ug/l	96
3) Chloromethane	2.113	50	20848	16.991	ug/l	97
4) Vinyl Chloride	2.253	62	20114	17.876	ug/l	99
5) Bromomethane	2.644	94	14717	21.526	ug/l	86
6) Chloroethane	2.790	64	13526	20.072	ug/l	99
7) Trichlorofluoromethane	3.125	101	35244	18.859	ug/l	99
8) Diethyl Ether	3.528	74	13000	19.851	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	24228	21.549	ug/l	99
10) Methyl Iodide	4.088	142	27091	18.493	ug/l	98
11) Tert butyl alcohol	4.942	59	13846	104.738	ug/l	98
12) 1,1-Dichloroethene	3.869	96	21996	20.512	ug/l	96
13) Acrolein	3.729	56	13046	72.023	ug/l	99
14) Allyl chloride	4.479	41	38080	19.225	ug/l	96
15) Acrylonitrile	5.161	53	36502	105.784	ug/l	99
16) Acetone	3.948	43	41630	102.585	ug/l	100
17) Carbon Disulfide	4.192	76	66425	18.199	ug/l	100
18) Methyl Acetate	4.473	43	25333	20.962	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	57235	20.664	ug/l	99
20) Methylene Chloride	4.716	84	29626	20.784	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	23842	20.460	ug/l	99
22) Diisopropyl ether	6.119	45	77935	21.662	ug/l	95
23) Vinyl Acetate	6.058	43	232179	103.865	ug/l	98
24) 1,1-Dichloroethane	6.015	63	43602	21.268	ug/l	97
25) 2-Butanone	6.984	43	53712	106.861	ug/l	99
26) 2,2-Dichloropropane	6.978	77	38967	21.401	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	26349	21.090	ug/l	98
28) Bromochloromethane	7.332	49	16594	22.149	ug/l	98
29) Tetrahydrofuran	7.350	42	31661	104.441	ug/l	99
30) Chloroform	7.509	83	45751	22.593	ug/l	99
31) Cyclohexane	7.783	56	38454	19.420	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	39811	21.740	ug/l	98
36) 1,1-Dichloropropene	7.917	75	33521	21.110	ug/l	100
37) Ethyl Acetate	7.076	43	21755	21.736	ug/l	98
38) Carbon Tetrachloride	7.899	117	35935	21.914	ug/l	98
39) Methylcyclohexane	9.185	83	37910	20.081	ug/l	98
40) Benzene	8.161	78	98251	21.873	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013040.D
 Acq On : 22 Mar 2023 11:37
 Operator : KP/MD
 Sample : VY0322SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0322SBS01

Quant Time: Mar 23 05:18:11 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 03/23/2023
 Supervised By :Mahesh Dadoda 03/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11386m	21.115	ug/l	
42) 1,2-Dichloroethane	8.234	62	30235	22.388	ug/l	99
43) Isopropyl Acetate	8.271	43	37728	21.128	ug/l	99
44) Trichloroethene	8.935	130	25915	21.882	ug/l	97
45) 1,2-Dichloropropane	9.216	63	25311	22.296	ug/l	98
46) Dibromomethane	9.307	93	14830	22.931	ug/l	99
47) Bromodichloromethane	9.496	83	34403	22.573	ug/l	99
48) Methyl methacrylate	9.289	41	17715	21.531	ug/l	96
49) 1,4-Dioxane	9.295	88	3629	434.056	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	107786	111.279	ug/l	100
52) Toluene	10.246	92	60859	22.466	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	35409	22.150	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39723	21.954	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	20740	23.027	ug/l	96
56) Ethyl methacrylate	10.508	69	25717	21.414	ug/l	97
57) 1,3-Dichloropropane	10.788	76	33836	22.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	68087	107.997	ug/l	100
59) 2-Hexanone	10.831	43	79050	112.292	ug/l	99
60) Dibromochloromethane	10.984	129	24644	22.478	ug/l	97
61) 1,2-Dibromoethane	11.087	107	19773	22.790	ug/l	98
64) Tetrachloroethene	10.721	164	22800	21.988	ug/l	96
65) Chlorobenzene	11.514	112	64976	21.738	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	24940	22.549	ug/l	98
67) Ethyl Benzene	11.593	91	113102	21.522	ug/l	100
68) m/p-Xylenes	11.703	106	89420	44.232	ug/l	99
69) o-Xylene	12.026	106	40184	21.298	ug/l	100
70) Styrene	12.044	104	69174	21.970	ug/l	98
71) Bromoform	12.209	173	16033	22.233	ug/l #	99
73) Isopropylbenzene	12.331	105	111207	20.635	ug/l	100
74) N-amyl acetate	12.142	43	33235	19.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25543	21.084	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	17924m	19.738	ug/l	
77) Bromobenzene	12.605	156	27175	20.756	ug/l	98
78) n-propylbenzene	12.672	91	139459	20.989	ug/l	98
79) 2-Chlorotoluene	12.758	91	76489	20.713	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	92460	20.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8479	19.347	ug/l	98
82) 4-Chlorotoluene	12.855	91	81182	21.237	ug/l	99
83) tert-Butylbenzene	13.075	119	80096	20.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	91704	21.086	ug/l	99
85) sec-Butylbenzene	13.251	105	124264	21.219	ug/l	99
86) p-Isopropyltoluene	13.367	119	101127	21.128	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	54748	21.682	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	54601	21.187	ug/l	98
89) n-Butylbenzene	13.696	91	95069	20.748	ug/l	99
90) Hexachloroethane	13.959	117	21453	21.520	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	49224	21.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4142	21.155	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	28075	19.977	ug/l	98
94) Hexachlorobutadiene	15.111	225	17490	20.404	ug/l	99
95) Naphthalene	15.233	128	52794	18.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24901	19.922	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
Data File : VY013040.D
Acq On : 22 Mar 2023 11:37
Operator : KP/MD
Sample : VY0322SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/23/2023
Supervised By :Mahesh Dadoda 03/23/2023

Quant Time: Mar 23 05:18:11 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

