

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013571.D
 Acq On : 03 May 2023 11:05
 Operator : KP/MD
 Sample : VY0503SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:38:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	271635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	413118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	374754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	193494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	157623	52.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.722	113	136716	52.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.240%			
50) Toluene-d8	10.179	98	466358	50.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.483	95	172641	55.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58242	22.554	ug/l	98
3) Chloromethane	2.113	50	69075	19.955	ug/l	98
4) Vinyl Chloride	2.253	62	66874	19.403	ug/l	99
5) Bromomethane	2.656	94	55889	20.349	ug/l	98
6) Chloroethane	2.790	64	47642	20.009	ug/l	97
7) Trichlorofluoromethane	3.125	101	111684	21.390	ug/l	97
8) Diethyl Ether	3.527	74	38091	21.423	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	61125	20.871	ug/l	96
10) Methyl Iodide	4.088	142	67204	18.270	ug/l	97
11) Tert butyl alcohol	4.991	59	37900	113.358	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	57905	20.511	ug/l	97
13) Acrolein	3.729	56	29443	108.141	ug/l	93
14) Allyl chloride	4.478	41	105707	20.180	ug/l	96
15) Acrylonitrile	5.167	53	116865	117.363	ug/l	100
16) Acetone	3.960	43	132368	112.879	ug/l	95
17) Carbon Disulfide	4.192	76	183757	20.038	ug/l	100
18) Methyl Acetate	4.485	43	86449	22.321	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	173222	21.254	ug/l	99
20) Methylene Chloride	4.716	84	85977	18.270	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	65272	21.147	ug/l	95
22) Diisopropyl ether	6.118	45	217395	21.233	ug/l	92
23) Vinyl Acetate	6.064	43	681497	117.561	ug/l	97
24) 1,1-Dichloroethane	6.015	63	122903	21.538	ug/l	98
25) 2-Butanone	6.990	43	176110	118.418	ug/l	92
26) 2,2-Dichloropropane	6.978	77	106395	21.638	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	72703	21.318	ug/l	96
28) Bromochloromethane	7.338	49	46092	22.762	ug/l	83
29) Tetrahydrofuran	7.350	42	106448	114.987	ug/l	92
30) Chloroform	7.508	83	126055	22.219	ug/l	98
31) Cyclohexane	7.783	56	103916	19.491	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	111922	22.107	ug/l	98
36) 1,1-Dichloropropene	7.917	75	94044	21.808	ug/l	97
37) Ethyl Acetate	7.076	43	72487	22.337	ug/l	97
38) Carbon Tetrachloride	7.899	117	104713	23.168	ug/l	96
39) Methylcyclohexane	9.185	83	104280	20.512	ug/l	97
40) Benzene	8.161	78	270436	22.263	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013571.D
 Acq On : 03 May 2023 11:05
 Operator : KP/MD
 Sample : VY0503SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

Quant Time: May 03 15:38:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25909	17.133	ug/l #	73
42) 1,2-Dichloroethane	8.240	62	93202	23.469	ug/l	100
43) Isopropyl Acetate	8.277	43	122278	22.324	ug/l	97
44) Trichloroethene	8.941	130	71527	22.137	ug/l	94
45) 1,2-Dichloropropane	9.215	63	69256	21.806	ug/l	96
46) Dibromomethane	9.307	93	43906	23.104	ug/l	96
47) Bromodichloromethane	9.496	83	96964	22.803	ug/l	98
48) Methyl methacrylate	9.295	41	56888	22.614	ug/l	95
49) 1,4-Dioxane	9.313	88	13229	487.417	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	365322	119.688	ug/l	97
52) Toluene	10.246	92	167837	22.961	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	103368	22.969	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	111837	22.085	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	58826	23.375	ug/l	98
56) Ethyl methacrylate	10.508	69	79977	22.907	ug/l	93
57) 1,3-Dichloropropane	10.788	76	99638	23.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	161092	123.043	ug/l	95
59) 2-Hexanone	10.831	43	278311	125.435	ug/l	95
60) Dibromochloromethane	10.983	129	72857	23.843	ug/l	99
61) 1,2-Dibromoethane	11.087	107	57238	23.133	ug/l	99
64) Tetrachloroethene	10.721	164	63506	22.286	ug/l	95
65) Chlorobenzene	11.520	112	180984	22.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	70346	23.040	ug/l	99
67) Ethyl Benzene	11.593	91	313307	21.856	ug/l	99
68) m/p-Xylenes	11.703	106	244238	44.818	ug/l	97
69) o-Xylene	12.032	106	112718	21.870	ug/l	97
70) Styrene	12.044	104	195974	22.741	ug/l	100
71) Bromoform	12.209	173	51739	24.193	ug/l	100
73) Isopropylbenzene	12.331	105	299521	20.466	ug/l	98
74) N-amyl acetate	12.142	43	108563	20.845	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	78749	22.014	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51265m	19.646	ug/l	
77) Bromobenzene	12.611	156	77469	21.846	ug/l	94
78) n-propylbenzene	12.672	91	377093	20.919	ug/l	98
79) 2-Chlorotoluene	12.757	91	212239	21.084	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	255149	21.360	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	27289	21.392	ug/l	94
82) 4-Chlorotoluene	12.855	91	225687	21.510	ug/l	98
83) tert-Butylbenzene	13.074	119	215994	20.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	256791	22.111	ug/l	100
85) sec-Butylbenzene	13.251	105	324065	20.865	ug/l	100
86) p-Isopropyltoluene	13.367	119	271196	21.713	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	149748	22.165	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	152112	22.289	ug/l	98
89) n-Butylbenzene	13.696	91	257625	21.133	ug/l	97
90) Hexachloroethane	13.965	117	55125	20.970	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	138939	22.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14521	22.984	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	85528	23.513	ug/l	98
94) Hexachlorobutadiene	15.111	225	53789	25.409	ug/l	97
95) Naphthalene	15.239	128	181118	22.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	79411	24.495	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
Data File : VY013571.D
Acq On : 03 May 2023 11:05
Operator : KP/MD
Sample : VY0503SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/04/2023
Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:38:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

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

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

