

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015279.D
 Acq On : 23 Aug 2023 05:18
 Operator : SY/MD
 Sample : 04110-05MSD
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD

Quant Time: Aug 23 06:36:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	83564	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	142789	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	130353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61079	60.890	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.780%			
35) Dibromofluoromethane	7.728	113	52771	57.447	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.900%			
50) Toluene-d8	10.185	98	184402	53.925	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.860%			
62) 4-Bromofluorobenzene	12.483	95	61948	49.598	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15887	43.769	ug/l	96
3) Chloromethane	2.113	50	24065	48.074	ug/l	99
4) Vinyl Chloride	2.253	62	30296	45.562	ug/l	99
5) Bromomethane	2.656	94	25670	56.075	ug/l	96
6) Chloroethane	2.796	64	25281	52.366	ug/l	100
7) Trichlorofluoromethane	3.131	101	53091	47.384	ug/l	100
8) Diethyl Ether	3.540	74	25026	56.952	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.906	101	32879	47.216	ug/l	97
10) Methyl Iodide	4.101	142	22996	33.631	ug/l	98
11) Tert butyl alcohol	4.979	59	38755	233.603	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	26826	46.135	ug/l	90
14) Allyl chloride	4.485	41	47415	45.992	ug/l	97
15) Acrylonitrile	5.174	53	76011	255.251	ug/l	99
16) Acetone	3.960	43	68626	209.418	ug/l	95
17) Carbon Disulfide	4.204	76	41829	40.876	ug/l	99
18) Methyl Acetate	4.491	43	110857	92.313	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	140791	56.945	ug/l	100
20) Methylene Chloride	4.723	84	57430	75.278	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	30534	46.554	ug/l	96
22) Diisopropyl ether	6.131	45	138776	53.947	ug/l	88
23) Vinyl Acetate	6.076	43	42074	27.411	ug/l	100
24) 1,1-Dichloroethane	6.027	63	73353	52.670	ug/l	97
25) 2-Butanone	6.996	43	112025	241.440	ug/l	97
26) 2,2-Dichloropropane	6.990	77	49435	36.821	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	45071	50.305	ug/l	95
28) Bromochloromethane	7.344	49	35044	54.769	ug/l	94
29) Tetrahydrofuran	7.356	42	84555	304.770	ug/l	93
30) Chloroform	7.515	83	84395	54.056	ug/l	97
31) Cyclohexane	7.795	56	42582	47.392	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	66712	50.215	ug/l	99
36) 1,1-Dichloropropene	7.929	75	46111	45.373	ug/l	99
37) Ethyl Acetate	7.088	43	26835	28.328	ug/l	98
38) Carbon Tetrachloride	7.911	117	55303	45.980	ug/l	95
39) Methylcyclohexane	9.191	83	47822	41.976	ug/l	94
40) Benzene	8.167	78	153627	50.000	ug/l	99
41) Methacrylonitrile	7.326	41	24649m	50.461	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015279.D
 Acq On : 23 Aug 2023 05:18
 Operator : SY/MD
 Sample : 04110-05MSD
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD

Quant Time: Aug 23 06:36:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.246	62	60862	54.542	ug/l	96
43) Isopropyl Acetate	8.283	43	57867	33.545	ug/l	94
44) Trichloroethene	8.947	130	41974	47.418	ug/l	99
45) 1,2-Dichloropropane	9.222	63	45731	52.782	ug/l	96
46) Dibromomethane	9.313	93	29925	54.762	ug/l	96
47) Bromodichloromethane	9.502	83	68894	52.834	ug/l	97
48) Methyl methacrylate	9.301	41	48105	65.187	ug/l	94
49) 1,4-Dioxane	9.313	88	12623	1155.191	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	297458	297.522	ug/l	96
52) Toluene	10.252	92	98138	48.459	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	61510	44.885	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	64388	44.613	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	46890	56.433	ug/l	96
56) Ethyl methacrylate	10.514	69	31886	26.222	ug/l	92
57) 1,3-Dichloropropane	10.795	76	75576	55.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	160440	283.514	ug/l	95
59) 2-Hexanone	10.837	43	178467	241.189	ug/l	94
60) Dibromochloromethane	10.990	129	52737	53.208	ug/l	98
61) 1,2-Dibromoethane	11.093	107	42874	54.317	ug/l	96
64) Tetrachloroethene	10.721	164	46877	51.617	ug/l	97
65) Chlorobenzene	11.520	112	113535	47.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	50293	52.188	ug/l	99
67) Ethyl Benzene	11.599	91	191561	46.034	ug/l	99
68) m/p-Xylenes	11.703	106	144631	91.511	ug/l	96
69) o-Xylene	12.032	106	74920	47.585	ug/l	97
70) Styrene	12.050	104	125935	46.215	ug/l	97
71) Bromoform	12.209	173	35452	50.748	ug/l #	100
73) Isopropylbenzene	12.331	105	195509	50.268	ug/l	99
74) N-amyl acetate	12.148	43	20970	14.933	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	62256	61.460	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	44020m	59.905	ug/l	
77) Bromobenzene	12.611	156	48868	51.547	ug/l	95
78) n-propylbenzene	12.672	91	222945	48.272	ug/l	100
79) 2-Chlorotoluene	12.758	91	132228	49.629	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	160070	49.373	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	13801	41.252	ug/l	98
82) 4-Chlorotoluene	12.855	91	131355	47.721	ug/l	99
83) tert-Butylbenzene	13.075	119	148545	50.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	160695	49.603	ug/l	97
85) sec-Butylbenzene	13.258	105	209684	48.260	ug/l	99
86) p-Isopropyltoluene	13.373	119	164364	45.627	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	89631	47.667	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	91639	48.589	ug/l	99
89) n-Butylbenzene	13.697	91	147344	43.381	ug/l	98
90) Hexachloroethane	13.965	117	32957	46.117	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	90048	51.262	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11530	58.759	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	46677	41.390	ug/l	99
94) Hexachlorobutadiene	15.117	225	24307	39.625	ug/l	99
95) Naphthalene	15.239	128	138218	49.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43393	42.606	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015279.D
Acq On : 23 Aug 2023 05:18
Operator : SY/MD
Sample : 04110-05MSD
Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/23/2023
Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 23 06:36:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

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

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

