

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019268.D
 Acq On : 23 Aug 2024 19:31
 Operator : SY/MD
 Sample : P3707-02MS
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS

Quant Time: Aug 23 23:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	57868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	61369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	19255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	3347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26293	45.326	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	90.660%	
35) Dibromofluoromethane	7.622	113	25374	63.235	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	126.460%	
50) Toluene-d8	10.103	98	57737	39.983	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	79.960%	
62) 4-Bromofluorobenzene	12.402	95	4994	10.145	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	20.280%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	38699	91.149	ug/l	100
3) Chloromethane	2.062	50	34894	45.597	ug/l	98
4) Vinyl Chloride	2.196	62	54734	57.903	ug/l	99
5) Bromomethane	2.598	94	7355	7.747	ug/l	90
6) Chloroethane	2.727	64	34148	57.736	ug/l	95
7) Trichlorofluoromethane	3.050	101	85944	60.136	ug/l	94
8) Diethyl Ether	3.446	74	22230	72.063	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.812	101	43766	68.885	ug/l	98
10) Methyl Iodide	3.988	142	2620	4.207	ug/l #	85
11) Tert butyl alcohol	4.836	59	13586	279.799	ug/l #	83
12) 1,1-Dichloroethene	3.775	96	40546	70.242	ug/l	95
14) Allyl chloride	4.373	41	9144	11.915	ug/l	90
15) Acrylonitrile	5.037	53	13284	105.243	ug/l #	88
16) Acetone	3.854	43	28682	266.616	ug/l #	87
17) Carbon Disulfide	4.092	76	37975	23.325	ug/l	99
18) Methyl Acetate	4.366	43	7821	23.688	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	102065	72.932	ug/l	100
20) Methylene Chloride	4.598	84	53916	88.594	ug/l	94
21) trans-1,2-Dichloroethene	5.098	96	27898	43.260	ug/l	99
22) Diisopropyl ether	6.006	45	134053	76.301	ug/l	98
24) 1,1-Dichloroethane	5.903	63	77661	72.281	ug/l	98
25) 2-Butanone	6.878	43	29181	168.432	ug/l	92
26) 2,2-Dichloropropane	6.872	77	47334	54.403	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	35448	46.708	ug/l	97
28) Bromochloromethane	7.238	49	47359	105.078	ug/l	94
29) Tetrahydrofuran	7.250	42	33870	304.121	ug/l	91
30) Chloroform	7.409	83	75649	63.187	ug/l	96
31) Cyclohexane	7.695	56	44816	54.386	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	65884	62.619	ug/l	96
36) 1,1-Dichloropropene	7.823	75	37603	68.244	ug/l	97
38) Carbon Tetrachloride	7.805	117	32258	50.516	ug/l	99
39) Methylcyclohexane	9.103	83	28829	40.771	ug/l	95
40) Benzene	8.067	78	112501	66.572	ug/l	97
42) 1,2-Dichloroethane	8.146	62	33526	73.466	ug/l	98
44) Trichloroethene	8.860	130	23301	49.415	ug/l	95
45) 1,2-Dichloropropane	9.134	63	26467	70.294	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019268.D
 Acq On : 23 Aug 2024 19:31
 Operator : SY/MD
 Sample : P3707-02MS
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS

Quant Time: Aug 23 23:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.225	93	16240	66.501	ug/l	97
47) Bromodichloromethane	9.414	83	10720	17.892	ug/l	92
49) 1,4-Dioxane	9.213	88	4656	1573.901	ug/l #	98
51) 4-Methyl-2-Pentanone	9.993	43	55217	210.716	ug/l	90
52) Toluene	10.170	92	42646	38.444	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	1646	3.312	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	1716	2.871	ug/l #	80
55) 1,1,2-Trichloroethane	10.567	97	14654	46.613	ug/l	92
57) 1,3-Dichloropropane	10.719	76	20710	40.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	4009	20.537	ug/l	96
59) 2-Hexanone	10.762	43	1191	6.616	ug/l	94
60) Dibromochloromethane	10.914	129	3388	7.912	ug/l	100
61) 1,2-Dibromoethane	11.012	107	4882	16.067	ug/l	100
64) Tetrachloroethene	10.646	164	16113	95.738	ug/l	89
65) Chlorobenzene	11.444	112	19198	43.300	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.512	131	9703	62.231	ug/l	95
67) Ethyl Benzene	11.518	91	41044	53.336	ug/l	98
68) m/p-Xylenes	11.627	106	29166	95.518	ug/l	98
69) o-Xylene	11.957	106	13838	48.938	ug/l	98
70) Styrene	11.969	104	4327	8.974	ug/l #	60
71) Bromoform	12.133	173	1256	14.092	ug/l #	99
73) Isopropylbenzene	12.255	105	31672	123.463	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	9195	201.335	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	5297m	160.479	ug/l	
77) Bromobenzene	12.536	156	4870	79.048	ug/l	92
78) n-propylbenzene	12.597	91	26210	85.467	ug/l	98
79) 2-Chlorotoluene	12.676	91	14139	82.237	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	16826	80.513	ug/l	95
82) 4-Chlorotoluene	12.780	91	10694	59.785	ug/l	99
83) tert-Butylbenzene	12.999	119	17659	91.501	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	14407	69.170	ug/l	96
85) sec-Butylbenzene	13.176	105	20013	71.159	ug/l	99
86) p-Isopropyltoluene	13.292	119	11918	51.591	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	5298	43.605	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	4741	39.255	ug/l	98
89) n-Butylbenzene	13.615	91	6356	30.178	ug/l	93
90) Hexachloroethane	13.883	117	1192	26.179	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	4780	44.732	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.273	75	474	70.551	ug/l #	45
93) 1,2,4-Trichlorobenzene	14.919	180	897	14.885	ug/l	85
94) Hexachlorobutadiene	15.029	225	940	29.947	ug/l	91
95) Naphthalene	15.151	128	1478	13.742	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.328	180	724	14.245	ug/l	94

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

