

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019318.D
 Acq On : 28 Aug 2024 06:37
 Operator : SY/MD
 Sample : P3707-02MS
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Aug 28 07:31:12 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 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	46389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	61611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	31975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	7623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26551	57.097	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.200%			
35) Dibromofluoromethane	7.622	113	26483	65.739	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.480%			
50) Toluene-d8	10.103	98	63045	43.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 86.980%			
62) 4-Bromofluorobenzene	12.408	95	8917	18.043	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 36.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	26751	78.599	ug/l	100
3) Chloromethane	2.068	50	30493	49.706	ug/l	98
4) Vinyl Chloride	2.202	62	45225	59.682	ug/l	99
5) Bromomethane	2.592	94	13539	26.481	ug/l	98
6) Chloroethane	2.732	64	32206	69.622	ug/l	97
7) Trichlorofluoromethane	3.049	101	62238	54.325	ug/l	90
8) Diethyl Ether	3.452	74	16425	66.421	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.805	101	30939	60.746	ug/l	96
10) Methyl Iodide	3.988	142	8368	16.762	ug/l #	94
11) Tert butyl alcohol	4.842	59	9952	251.391	ug/l #	77
12) 1,1-Dichloroethene	3.781	96	28954	62.572	ug/l	92
14) Allyl chloride	4.372	41	17173	27.914	ug/l	92
15) Acrylonitrile	5.043	53	19279	190.535	ug/l	99
16) Acetone	3.854	43	23911	277.267	ug/l	95
17) Carbon Disulfide	4.098	76	37815	28.974	ug/l #	95
18) Methyl Acetate	4.372	43	23828	90.028	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	81552	72.694	ug/l	97
20) Methylene Chloride	4.604	84	39567	80.017	ug/l	96
21) trans-1,2-Dichloroethene	5.098	96	25294	48.927	ug/l	99
22) Diisopropyl ether	6.012	45	95553	67.845	ug/l	95
24) 1,1-Dichloroethane	5.909	63	58914	68.401	ug/l	95
25) 2-Butanone	6.884	43	31909	229.753	ug/l	92
26) 2,2-Dichloropropane	6.878	77	34482	49.439	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	32442	53.325	ug/l	99
28) Bromochloromethane	7.232	49	20827	57.645	ug/l	98
29) Tetrahydrofuran	7.250	42	27460	307.578	ug/l	95
30) Chloroform	7.415	83	62033	64.635	ug/l	95
31) Cyclohexane	7.689	56	29665	44.092	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	52349	62.066	ug/l	98
36) 1,1-Dichloropropene	7.823	75	31147	56.305	ug/l	99
38) Carbon Tetrachloride	7.811	117	36990	57.699	ug/l	99
39) Methylcyclohexane	9.109	83	24469	34.469	ug/l	98
40) Benzene	8.073	78	109925	64.792	ug/l	97
41) Methacrylonitrile	7.238	41	7755m	57.972	ug/l	
42) 1,2-Dichloroethane	8.152	62	32803	71.599	ug/l	98
44) Trichloroethene	8.859	130	24260	51.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.134	63	26824	70.962	ug/l	95
46) Dibromomethane	9.225	93	17132	69.878	ug/l	98
47) Bromodichloromethane	9.420	83	29600	49.210	ug/l	92
48) Methyl methacrylate	9.213	41	4529	20.503	ug/l	86
49) 1,4-Dioxane	9.219	88	4640	1562.331	ug/l #	98
51) 4-Methyl-2-Pentanone	9.999	43	70737	268.883	ug/l	95
52) Toluene	10.170	92	48793	43.813	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	8982	18.001	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	10539	17.563	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	19187	60.792	ug/l	99
57) 1,3-Dichloropropane	10.719	76	30230	58.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	20493	104.566	ug/l	92
59) 2-Hexanone	10.762	43	13813	76.425	ug/l	88
60) Dibromochloromethane	10.914	129	16025	37.278	ug/l	98
61) 1,2-Dibromoethane	11.018	107	12473	40.888	ug/l	99
64) Tetrachloroethene	10.652	164	20521	73.424	ug/l	94
65) Chlorobenzene	11.444	112	34172	46.413	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	19128	73.876	ug/l	100
67) Ethyl Benzene	11.524	91	66273	51.861	ug/l	98
68) m/p-Xylenes	11.627	106	49029	96.692	ug/l	99
69) o-Xylene	11.956	106	23968	51.043	ug/l	100
70) Styrene	11.969	104	11917	14.883	ug/l #	75
71) Bromoform	12.133	173	6825	46.112	ug/l #	100
73) Isopropylbenzene	12.255	105	51446	88.052	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	14425	138.680	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	7274m	96.759	ug/l	
77) Bromobenzene	12.529	156	9001	64.148	ug/l	97
78) n-propylbenzene	12.597	91	41749	59.774	ug/l	98
79) 2-Chlorotoluene	12.682	91	22577	57.656	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	29018	60.965	ug/l	100
82) 4-Chlorotoluene	12.779	91	20273	49.762	ug/l	99
83) tert-Butylbenzene	12.999	119	30085	68.445	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	25057	52.820	ug/l	100
85) sec-Butylbenzene	13.176	105	33198	51.828	ug/l	97
86) p-Isopropyltoluene	13.298	119	21393	40.660	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	10112	36.542	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	9516	34.595	ug/l	99
89) n-Butylbenzene	13.621	91	11829	24.660	ug/l	99
90) Hexachloroethane	13.883	117	2697	26.007	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	9396	38.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1291	84.369	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	1631	11.883	ug/l	89
94) Hexachlorobutadiene	15.029	225	1760	24.619	ug/l	95
95) Naphthalene	15.145	128	2711	11.068	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.328	180	1176	10.159	ug/l	97

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

