

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018052.D
 Acq On : 25 Apr 2024 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 26 02:03:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	367510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	594311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	526288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	253970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	170509	53.614	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.220%			
35) Dibromofluoromethane	7.722	113	199722	54.472	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.940%			
50) Toluene-d8	10.185	98	781508	56.172	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.340%			
62) 4-Bromofluorobenzene	12.483	95	245705	57.024	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	135974	46.638	ug/l	99
3) Chloromethane	2.113	50	202669	41.952	ug/l	100
4) Vinyl Chloride	2.253	62	224773	41.279	ug/l	98
5) Bromomethane	2.656	94	162802	44.919	ug/l	99
6) Chloroethane	2.796	64	145959	42.459	ug/l	99
7) Trichlorofluoromethane	3.125	101	267421	43.577	ug/l	95
8) Diethyl Ether	3.527	74	97449	50.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	174110	45.560	ug/l	96
10) Methyl Iodide	4.094	142	255057	50.167	ug/l	98
11) Tert butyl alcohol	4.954	59	47945	208.311	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	180344	48.612	ug/l	99
13) Acrolein	3.735	56	71079	286.970	ug/l	100
14) Allyl chloride	4.479	41	246024	51.244	ug/l	91
15) Acrylonitrile	5.161	53	193841	246.196	ug/l	100
16) Acetone	3.948	43	126708	201.637	ug/l	96
17) Carbon Disulfide	4.198	76	540683	45.814	ug/l	98
18) Methyl Acetate	4.479	43	81524	49.315	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	408832	50.565	ug/l	99
20) Methylene Chloride	4.716	84	216835	50.933	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	203310	50.027	ug/l	99
22) Diisopropyl ether	6.119	45	552436	52.488	ug/l	100
23) Vinyl Acetate	6.064	43	1530143	245.168	ug/l	99
24) 1,1-Dichloroethane	6.021	63	350434	50.995	ug/l	98
25) 2-Butanone	6.990	43	210165	227.534	ug/l	98
26) 2,2-Dichloropropane	6.984	77	266638	48.363	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	241350	51.999	ug/l	100
28) Bromochloromethane	7.338	49	141312	52.277	ug/l	98
29) Tetrahydrofuran	7.350	42	137144	233.973	ug/l	98
30) Chloroform	7.508	83	358816	51.090	ug/l	99
31) Cyclohexane	7.789	56	264827	43.565	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	291127	49.769	ug/l	98
36) 1,1-Dichloropropene	7.923	75	250311	46.943	ug/l	99
37) Ethyl Acetate	7.076	43	101546	46.288	ug/l	97
38) Carbon Tetrachloride	7.905	117	259243	48.123	ug/l	99
39) Methylcyclohexane	9.185	83	312269	44.939	ug/l	96
40) Benzene	8.161	78	842337	50.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	62983m	45.498	ug/l	
42) 1,2-Dichloroethane	8.240	62	184125	48.112	ug/l	99
43) Isopropyl Acetate	8.277	43	192076	46.969	ug/l	100
44) Trichloroethene	8.941	130	218422	51.463	ug/l	98
45) 1,2-Dichloropropane	9.222	63	195100	50.745	ug/l	99
46) Dibromomethane	9.307	93	103766	48.792	ug/l	95
47) Bromodichloromethane	9.502	83	266316	49.914	ug/l	97
48) Methyl methacrylate	9.295	41	88724	47.348	ug/l	97
49) 1,4-Dioxane	9.307	88	24061	991.055	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	511905	236.131	ug/l	100
52) Toluene	10.246	92	528045	51.521	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	242544	49.794	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	300302	50.186	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	143950	49.793	ug/l	97
56) Ethyl methacrylate	10.514	69	187289	49.693	ug/l	97
57) 1,3-Dichloropropane	10.794	76	245317	50.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	443822	226.546	ug/l	100
59) 2-Hexanone	10.837	43	348851	235.731	ug/l	99
60) Dibromochloromethane	10.990	129	192615	51.841	ug/l	99
61) 1,2-Dibromoethane	11.093	107	132803	49.291	ug/l	99
64) Tetrachloroethene	10.727	164	191331	50.750	ug/l	97
65) Chlorobenzene	11.520	112	592456	51.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	199207	52.376	ug/l	99
67) Ethyl Benzene	11.599	91	994270	51.194	ug/l	98
68) m/p-Xylenes	11.709	106	771936	103.485	ug/l	100
69) o-Xylene	12.032	106	368074	52.839	ug/l	100
70) Styrene	12.050	104	630107	53.519	ug/l	99
71) Bromoform	12.215	173	110829	50.434	ug/l #	98
73) Isopropylbenzene	12.337	105	938799	50.730	ug/l	98
74) N-amyl acetate	12.148	43	171407	45.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	158575	45.945	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	106507m	44.690	ug/l	
77) Bromobenzene	12.611	156	232835	51.991	ug/l	94
78) n-propylbenzene	12.678	91	1123517	50.038	ug/l	98
79) 2-Chlorotoluene	12.764	91	634603	50.495	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	748736	51.025	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	53912	46.642	ug/l	96
82) 4-Chlorotoluene	12.861	91	649103	49.869	ug/l	98
83) tert-Butylbenzene	13.081	119	705471	52.638	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	753722	51.579	ug/l	99
85) sec-Butylbenzene	13.257	105	1006654	50.006	ug/l	98
86) p-Isopropyltoluene	13.373	119	840589	50.817	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	446766	50.280	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	434225	49.781	ug/l	99
89) n-Butylbenzene	13.703	91	761191	48.914	ug/l	99
90) Hexachloroethane	13.965	117	172332	50.807	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	386736	50.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19883	44.787	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	226133	50.655	ug/l	98
94) Hexachlorobutadiene	15.117	225	134890	50.935	ug/l	99
95) Naphthalene	15.239	128	370897	50.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	188432	50.304	ug/l	100

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

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