

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018634.D
 Acq On : 18 Jun 2024 17:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/19/2024
 Supervised By :Semsettin Yesilyurt 06/19/2024

Quant Time: Jun 19 02:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.777	168	116160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	204067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	184338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68036	58.176	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.360%			
35) Dibromofluoromethane	7.703	113	68174	54.765	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.540%			
50) Toluene-d8	10.173	98	260527	54.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.840%			
62) 4-Bromofluorobenzene	12.477	95	86817	57.431	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	36876	48.200	ug/l	98
3) Chloromethane	2.101	50	102907	65.309	ug/l	98
4) Vinyl Chloride	2.235	62	118946	60.956	ug/l	99
5) Bromomethane	2.631	94	80294	55.360	ug/l	100
6) Chloroethane	2.771	64	74676	58.419	ug/l	98
7) Trichlorofluoromethane	3.095	101	128454	61.130	ug/l	96
8) Diethyl Ether	3.509	74	34268	57.195	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.875	101	61618	56.123	ug/l	96
10) Methyl Iodide	4.070	142	67836	51.085	ug/l	97
11) Tert butyl alcohol	4.948	59	26115	124.144	ug/l #	79
12) 1,1-Dichloroethene	3.851	96	59562	53.983	ug/l	98
13) Acrolein	3.710	56	19489	288.171	ug/l	96
14) Allyl chloride	4.454	41	87239	58.649	ug/l	95
15) Acrylonitrile	5.137	53	82498	309.518	ug/l	98
16) Acetone	3.936	43	56089	235.733	ug/l	95
17) Carbon Disulfide	4.174	76	168551	50.354	ug/l	96
18) Methyl Acetate	4.460	43	41283	68.404	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	166857	56.692	ug/l	98
20) Methylene Chloride	4.692	84	75421	51.747	ug/l	97
21) trans-1,2-Dichloroethene	5.192	96	70644	56.245	ug/l	96
22) Diisopropyl ether	6.100	45	209247	62.313	ug/l	94
23) Vinyl Acetate	6.039	43	839701	271.049	ug/l	98
24) 1,1-Dichloroethane	5.996	63	123794	57.222	ug/l	99
25) 2-Butanone	6.972	43	103823	291.104	ug/l	93
26) 2,2-Dichloropropane	6.960	77	79613	43.679	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	86121	56.766	ug/l	98
28) Bromochloromethane	7.319	49	55622	62.728	ug/l	93
29) Tetrahydrofuran	7.332	42	72070	329.280	ug/l	94
30) Chloroform	7.490	83	133708	56.712	ug/l	99
31) Cyclohexane	7.771	56	99365	55.467	ug/l	97
32) 1,1,1-Trichloroethane	7.685	97	111113	55.474	ug/l	98
36) 1,1-Dichloropropene	7.905	75	94012	54.866	ug/l	97
37) Ethyl Acetate	7.057	43	49152	60.851	ug/l	99
38) Carbon Tetrachloride	7.886	117	96149	53.485	ug/l	98
39) Methylcyclohexane	9.173	83	120810	57.542	ug/l	98
40) Benzene	8.149	78	299961	56.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	25548m	62.887	ug/l	
42) 1,2-Dichloroethane	8.228	62	77018	55.709	ug/l	98
43) Isopropyl Acetate	8.258	43	93398	61.951	ug/l	94
44) Trichloroethene	8.929	130	74373	53.606	ug/l	93
45) 1,2-Dichloropropane	9.203	63	70063	57.821	ug/l	97
46) Dibromomethane	9.295	93	43794	58.248	ug/l	95
47) Bromodichloromethane	9.490	83	103424	57.635	ug/l	99
48) Methyl methacrylate	9.282	41	41191	60.690	ug/l	93
49) 1,4-Dioxane	9.289	88	11032	1115.669	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	251538	316.750	ug/l	96
52) Toluene	10.234	92	192266	56.510	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	88115	56.189	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	103541	54.713	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	57250	57.249	ug/l	97
56) Ethyl methacrylate	10.502	69	80560	61.562	ug/l	91
57) 1,3-Dichloropropane	10.782	76	96762	58.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	165590	262.119	ug/l	100
59) 2-Hexanone	10.825	43	174115	313.013	ug/l	95
60) Dibromochloromethane	10.977	129	71350	57.436	ug/l	100
61) 1,2-Dibromoethane	11.081	107	55776	60.350	ug/l	97
64) Tetrachloroethene	10.715	164	77391	58.862	ug/l	98
65) Chlorobenzene	11.508	112	211708	55.595	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	71672	56.164	ug/l	99
67) Ethyl Benzene	11.587	91	364083	55.102	ug/l	98
68) m/p-Xylenes	11.697	106	289598	112.637	ug/l	100
69) o-Xylene	12.026	106	139658	56.486	ug/l	99
70) Styrene	12.038	104	240155	58.797	ug/l	99
71) Bromoform	12.203	173	42309	60.422	ug/l #	97
73) Isopropylbenzene	12.325	105	352777	49.721	ug/l	100
74) N-amyl acetate	12.142	43	85678	58.971	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	68529	54.397	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	51745m	56.774	ug/l	
77) Bromobenzene	12.605	156	84022	51.207	ug/l	99
78) n-propylbenzene	12.666	91	423637	51.020	ug/l	100
79) 2-Chlorotoluene	12.751	91	237640	50.700	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	288424	51.292	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18257	52.470	ug/l	93
82) 4-Chlorotoluene	12.849	91	243391	51.567	ug/l	97
83) tert-Butylbenzene	13.068	119	259998	49.958	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	289060	51.431	ug/l	99
85) sec-Butylbenzene	13.245	105	389139	52.426	ug/l	100
86) p-Isopropyltoluene	13.367	119	319648	50.796	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	169123	51.102	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	165727	51.030	ug/l	99
89) n-Butylbenzene	13.690	91	294799	51.975	ug/l	98
90) Hexachloroethane	13.958	117	60620	53.029	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	151024	53.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10222	56.035	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	81484	51.733	ug/l	98
94) Hexachlorobutadiene	15.105	225	40427	49.954	ug/l	98
95) Naphthalene	15.233	128	166694	56.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	69640	52.329	ug/l	99

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

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