

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016977.D
 Acq On : 10 Jan 2024 16:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2024
 Supervised By :Semsettin Yesilyurt 01/11/2024

Quant Time: Jan 11 00:14:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	109562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	167303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	52274	48.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.540%		
35) Dibromofluoromethane	7.728	113	56405	46.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.560%		
50) Toluene-d8	10.185	98	195291	46.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.060%		
62) 4-Bromofluorobenzene	12.489	95	65708	46.403	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33958	40.412	ug/l	95
3) Chloromethane	2.119	50	64060	49.773	ug/l	98
4) Vinyl Chloride	2.259	62	76361	50.299	ug/l	98
5) Bromomethane	2.656	94	58398	53.695	ug/l	97
6) Chloroethane	2.802	64	54269	52.845	ug/l	98
7) Trichlorofluoromethane	3.131	101	89488	47.841	ug/l	98
8) Diethyl Ether	3.534	74	32139	53.763	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	57171	47.006	ug/l	98
10) Methyl Iodide	4.101	142	52086	50.339	ug/l	99
11) Tert butyl alcohol	4.966	59	21908	282.411	ug/l	98
12) 1,1-Dichloroethene	3.881	96	50935	48.810	ug/l	97
13) Acrolein	3.741	56	25291	213.008	ug/l	97
14) Allyl chloride	4.497	41	88043	53.369	ug/l	98
15) Acrylonitrile	5.180	53	79223	283.330	ug/l	99
16) Acetone	3.954	43	66721	249.998	ug/l	96
17) Carbon Disulfide	4.210	76	112427	45.089	ug/l	99
18) Methyl Acetate	4.491	43	76241	65.717	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	157248	57.920	ug/l	99
20) Methylene Chloride	4.728	84	70208	50.303	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	61376	51.353	ug/l	98
22) Diisopropyl ether	6.131	45	221453	58.064	ug/l	95
23) Vinyl Acetate	6.070	43	476277	272.346	ug/l	99
24) 1,1-Dichloroethane	6.033	63	125152	54.605	ug/l	98
25) 2-Butanone	6.996	43	101114	274.578	ug/l	96
26) 2,2-Dichloropropane	6.990	77	101113	50.882	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	78320	55.902	ug/l	99
28) Bromochloromethane	7.344	49	48307	56.142	ug/l	99
29) Tetrahydrofuran	7.356	42	63999	292.008	ug/l	99
30) Chloroform	7.515	83	132114	55.936	ug/l	98
31) Cyclohexane	7.795	56	85338	45.916	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	105144	52.503	ug/l	99
36) 1,1-Dichloropropene	7.929	75	87622	49.329	ug/l	99
37) Ethyl Acetate	7.088	43	43115	53.412	ug/l	98
38) Carbon Tetrachloride	7.911	117	88871	49.245	ug/l	97
39) Methylcyclohexane	9.191	83	93054	46.600	ug/l	99
40) Benzene	8.173	78	277114	52.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25566	60.137	ug/l	95
42) 1,2-Dichloroethane	8.246	62	76763	54.266	ug/l	100
43) Isopropyl Acetate	8.283	43	83841	54.238	ug/l	99
44) Trichloroethene	8.947	130	68721	50.684	ug/l	99
45) 1,2-Dichloropropane	9.222	63	74503	54.273	ug/l	99
46) Dibromomethane	9.313	93	37994	54.269	ug/l	98
47) Bromodichloromethane	9.502	83	102802	54.682	ug/l	99
48) Methyl methacrylate	9.301	41	45791	54.890	ug/l	93
49) 1,4-Dioxane	9.307	88	8471	1168.578	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	233445	283.968	ug/l	99
52) Toluene	10.252	92	170506	53.022	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	91414	54.285	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	109975	54.381	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	55648	54.408	ug/l	96
56) Ethyl methacrylate	10.520	69	51048	58.926	ug/l	99
57) 1,3-Dichloropropane	10.794	76	93106	54.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	152946	278.434	ug/l	99
59) 2-Hexanone	10.837	43	157396	260.020	ug/l	100
60) Dibromochloromethane	10.990	129	65353	55.408	ug/l	98
61) 1,2-Dibromoethane	11.093	107	48800	54.916	ug/l	99
64) Tetrachloroethene	10.727	164	53708	49.516	ug/l	95
65) Chlorobenzene	11.526	112	182994	52.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	71540	53.998	ug/l	100
67) Ethyl Benzene	11.599	91	331463	52.826	ug/l	98
68) m/p-Xylenes	11.709	106	247535	107.476	ug/l	99
69) o-Xylene	12.038	106	117917	54.613	ug/l	99
70) Styrene	12.050	104	176390	56.131	ug/l	99
71) Bromoform	12.215	173	35872	55.000	ug/l #	99
73) Isopropylbenzene	12.337	105	317620	51.007	ug/l	100
74) N-amyl acetate	12.154	43	67548	53.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	65180	51.372	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	47538m	57.447	ug/l	
77) Bromobenzene	12.617	156	69045	50.361	ug/l	99
78) n-propylbenzene	12.678	91	381804	50.435	ug/l	100
79) 2-Chlorotoluene	12.764	91	215211	51.266	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	256662	52.116	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	18319	50.269	ug/l	99
82) 4-Chlorotoluene	12.861	91	221488	51.644	ug/l	100
83) tert-Butylbenzene	13.081	119	222414	51.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	257346	53.061	ug/l	98
85) sec-Butylbenzene	13.264	105	326202	50.752	ug/l	100
86) p-Isopropyltoluene	13.379	119	274053	51.664	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	136908	50.917	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	134389	51.101	ug/l	99
89) n-Butylbenzene	13.702	91	259972	50.974	ug/l	100
90) Hexachloroethane	13.971	117	56512	49.579	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	120717	51.951	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8426	52.959	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	62436	54.110	ug/l	100
94) Hexachlorobutadiene	15.123	225	35494	49.103	ug/l	100
95) Naphthalene	15.245	128	120076	56.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	54178	55.297	ug/l	98

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

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