

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014176.D
 Acq On : 15 Jun 2023 00:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:50:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	176057	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	272948	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	264862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	143130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117038	47.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.480%		
35) Dibromofluoromethane	7.728	113	101760	52.570	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.140%		
50) Toluene-d8	10.191	98	346147	47.832	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.660%		
62) 4-Bromofluorobenzene	12.489	95	133901	52.087	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	90616	46.183	ug/l	99
3) Chloromethane	2.119	50	114666	46.089	ug/l	100
4) Vinyl Chloride	2.259	62	118174	48.855	ug/l	97
5) Bromomethane	2.656	94	93330	46.764	ug/l	94
6) Chloroethane	2.802	64	77064	46.886	ug/l	100
7) Trichlorofluoromethane	3.137	101	198039	50.397	ug/l	99
8) Diethyl Ether	3.540	74	61524	46.888	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	100589	50.720	ug/l	99
10) Methyl Iodide	4.107	142	114011	43.536	ug/l	97
11) Tert butyl alcohol	4.966	59	62500	217.551	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	98934	49.217	ug/l	99
13) Acrolein	3.741	56	29904	262.907	ug/l	98
14) Allyl chloride	4.491	41	175180	48.077	ug/l	98
15) Acrylonitrile	5.173	53	163619	241.753	ug/l	99
16) Acetone	3.960	43	145426	196.789	ug/l	94
17) Carbon Disulfide	4.210	76	329748	50.622	ug/l	100
18) Methyl Acetate	4.491	43	134815	47.000	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	281894	47.547	ug/l	98
20) Methylene Chloride	4.728	84	124934	53.183	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	112600	50.222	ug/l	97
22) Diisopropyl ether	6.137	45	347844	49.859	ug/l	94
23) Vinyl Acetate	6.076	43	997648	242.365	ug/l	99
24) 1,1-Dichloroethane	6.033	63	200260	49.786	ug/l	99
25) 2-Butanone	7.002	43	216376	237.862	ug/l	99
26) 2,2-Dichloropropane	6.996	77	170073	45.016	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	126300	50.357	ug/l	98
28) Bromochloromethane	7.344	49	77034	47.093	ug/l	98
29) Tetrahydrofuran	7.356	42	143162	248.187	ug/l	99
30) Chloroform	7.515	83	219529	51.443	ug/l	97
31) Cyclohexane	7.801	56	166712	50.762	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	194141	50.442	ug/l	99
36) 1,1-Dichloropropene	7.929	75	156701	51.926	ug/l	99
37) Ethyl Acetate	7.088	43	95555	45.891	ug/l	97
38) Carbon Tetrachloride	7.911	117	181050	51.989	ug/l	99
39) Methylcyclohexane	9.191	83	177760	53.091	ug/l	99
40) Benzene	8.173	78	459226	51.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	59056m	55.574	ug/l	
42) 1,2-Dichloroethane	8.246	62	158975	50.098	ug/l	99
43) Isopropyl Acetate	8.283	43	176743	48.430	ug/l	98
44) Trichloroethene	8.953	130	120739	50.360	ug/l	97
45) 1,2-Dichloropropane	9.222	63	113509	49.800	ug/l	96
46) Dibromomethane	9.313	93	69832	49.772	ug/l	99
47) Bromodichloromethane	9.508	83	170246	51.823	ug/l	97
48) Methyl methacrylate	9.301	41	84518	49.653	ug/l	99
49) 1,4-Dioxane	9.307	88	19177	1075.686	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	495191	249.756	ug/l	100
52) Toluene	10.252	92	293996	52.851	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	171075	49.468	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	186429	49.409	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	93555	50.273	ug/l	95
56) Ethyl methacrylate	10.520	69	129726	50.540	ug/l	98
57) 1,3-Dichloropropane	10.794	76	158704	49.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	306972	265.618	ug/l	98
59) 2-Hexanone	10.837	43	341646	238.576	ug/l	100
60) Dibromochloromethane	10.996	129	121168	50.872	ug/l	99
61) 1,2-Dibromoethane	11.093	107	90684	49.376	ug/l	100
64) Tetrachloroethene	10.727	164	115916	51.345	ug/l	98
65) Chlorobenzene	11.526	112	309995	48.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	121297	48.457	ug/l	100
67) Ethyl Benzene	11.599	91	556886	49.990	ug/l	99
68) m/p-Xylenes	11.709	106	433485	101.167	ug/l	98
69) o-Xylene	12.038	106	202931	50.093	ug/l	97
70) Styrene	12.050	104	352295	50.953	ug/l	100
71) Bromoform	12.215	173	81333	47.443	ug/l	99
73) Isopropylbenzene	12.337	105	536415	49.127	ug/l	100
74) N-amyl acetate	12.148	43	157066	45.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	113189	46.393	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	70946m	37.781	ug/l	
77) Bromobenzene	12.617	156	135729	47.296	ug/l	97
78) n-propylbenzene	12.678	91	661546	49.604	ug/l	100
79) 2-Chlorotoluene	12.764	91	377852	49.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	466043	49.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	37914	43.644	ug/l	98
82) 4-Chlorotoluene	12.861	91	397573	48.890	ug/l	100
83) tert-Butylbenzene	13.081	119	389320	49.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	460340	49.742	ug/l	100
85) sec-Butylbenzene	13.257	105	577748	50.018	ug/l	100
86) p-Isopropyltoluene	13.373	119	489347	49.501	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	263838	48.152	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	260151	47.123	ug/l	100
89) n-Butylbenzene	13.702	91	451063	49.194	ug/l	99
90) Hexachloroethane	13.965	117	95577	48.519	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	237473	48.255	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20759	44.680	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	145692	46.734	ug/l	99
94) Hexachlorobutadiene	15.117	225	88255	49.036	ug/l	98
95) Naphthalene	15.245	128	293076	46.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	128211	45.513	ug/l	99

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

