

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013414.D
 Acq On : 24 Apr 2023 20:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 03:19:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	240957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126682	47.960	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.920%		
35) Dibromofluoromethane	7.716	113	115468	49.723	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.440%		
50) Toluene-d8	10.179	98	397320	48.095	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.477	95	138947	49.890	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	116521	50.866	ug/l	99
3) Chloromethane	2.113	50	128219	41.757	ug/l	100
4) Vinyl Chloride	2.253	62	129825	42.463	ug/l	100
5) Bromomethane	2.656	94	100465	41.236	ug/l	100
6) Chloroethane	2.796	64	86704	41.051	ug/l	96
7) Trichlorofluoromethane	3.125	101	226268	48.853	ug/l	97
8) Diethyl Ether	3.527	74	78422	49.722	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	124422	47.893	ug/l	98
10) Methyl Iodide	4.094	142	168619	51.676	ug/l	100
11) Tert butyl alcohol	4.978	59	67561m	227.145	ug/l	
12) 1,1-Dichloroethene	3.875	96	120553	48.140	ug/l	94
13) Acrolein	3.729	56	48643	209.324	ug/l	95
14) Allyl chloride	4.478	41	215170	46.307	ug/l	97
15) Acrylonitrile	5.167	53	222987	252.449	ug/l	100
16) Acetone	3.954	43	225715	216.988	ug/l	100
17) Carbon Disulfide	4.192	76	399158	49.069	ug/l	98
18) Methyl Acetate	4.478	43	161484	47.003	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	362078	50.082	ug/l	99
20) Methylene Chloride	4.716	84	167000	51.488	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	140776	51.415	ug/l	96
22) Diisopropyl ether	6.118	45	456894	50.307	ug/l	95
23) Vinyl Acetate	6.057	43	1257390m	244.521	ug/l	
24) 1,1-Dichloroethane	6.015	63	249246	49.241	ug/l	99
25) 2-Butanone	6.990	43	306635	232.436	ug/l	95
26) 2,2-Dichloropropane	6.984	77	208691	47.846	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	156457	51.718	ug/l	98
28) Bromochloromethane	7.332	49	85066	47.358	ug/l	88
29) Tetrahydrofuran	7.350	42	205215	249.900	ug/l	93
30) Chloroform	7.502	83	259733	51.609	ug/l	98
31) Cyclohexane	7.783	56	218073	46.111	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	225903	50.302	ug/l	97
36) 1,1-Dichloropropene	7.917	75	191664	49.730	ug/l	99
37) Ethyl Acetate	7.076	43	143080	49.332	ug/l	96
38) Carbon Tetrachloride	7.899	117	207851	51.454	ug/l	98
39) Methylcyclohexane	9.185	83	233485	51.388	ug/l	97
40) Benzene	8.161	78	559871	51.570	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	67073m	49.627	ug/l	
42) 1,2-Dichloroethane	8.234	62	186889	52.654	ug/l	99
43) Isopropyl Acetate	8.270	43	243690	49.779	ug/l	98
44) Trichloroethene	8.941	130	149595	51.802	ug/l	99
45) 1,2-Dichloropropane	9.215	63	146019	51.441	ug/l	99
46) Dibromomethane	9.301	93	88624	52.180	ug/l	97
47) Bromodichloromethane	9.496	83	200811	52.839	ug/l	99
48) Methyl methacrylate	9.289	41	112177	49.894	ug/l	98
49) 1,4-Dioxane	9.313	88	25944	1069.537	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	700420	256.755	ug/l	97
52) Toluene	10.240	92	345838	52.936	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	210765	52.400	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	233965	51.695	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	119733	53.233	ug/l	97
56) Ethyl methacrylate	10.508	69	168072	53.861	ug/l	92
57) 1,3-Dichloropropane	10.788	76	201668	52.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	273615	233.834	ug/l	96
59) 2-Hexanone	10.831	43	506808	255.574	ug/l	97
60) Dibromochloromethane	10.983	129	147510	54.012	ug/l	100
61) 1,2-Dibromoethane	11.087	107	115401	52.186	ug/l	99
64) Tetrachloroethene	10.721	164	129196	51.672	ug/l	98
65) Chlorobenzene	11.514	112	370231	51.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	141176	52.700	ug/l	99
67) Ethyl Benzene	11.593	91	655557	52.120	ug/l	98
68) m/p-Xylenes	11.703	106	507328	106.103	ug/l	100
69) o-Xylene	12.026	106	236202	52.233	ug/l	97
70) Styrene	12.044	104	406737	53.794	ug/l	99
71) Bromoform	12.209	173	98948	52.733	ug/l	99
73) Isopropylbenzene	12.325	105	621116	50.497	ug/l	99
74) N-amyl acetate	12.142	43	218463	49.911	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	152347	50.673	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	108880m	49.646	ug/l	
77) Bromobenzene	12.605	156	154110	51.709	ug/l	93
78) n-propylbenzene	12.672	91	773941	51.084	ug/l	97
79) 2-Chlorotoluene	12.757	91	433773	51.271	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	520118	51.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	52709	49.162	ug/l	96
82) 4-Chlorotoluene	12.855	91	446854	50.675	ug/l	98
83) tert-Butylbenzene	13.074	119	446078	51.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	511361	52.391	ug/l	99
85) sec-Butylbenzene	13.251	105	661258	50.657	ug/l	99
86) p-Isopropyltoluene	13.367	119	542858	51.714	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	287455	50.626	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	283226	49.379	ug/l	98
89) n-Butylbenzene	13.696	91	523709	51.116	ug/l	98
90) Hexachloroethane	13.958	117	110873	50.184	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	263940	51.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26644	50.180	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	160329	52.446	ug/l	98
94) Hexachlorobutadiene	15.111	225	92716	52.113	ug/l	98
95) Naphthalene	15.233	128	367724	55.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149237	54.772	ug/l	100

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

