

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013262.D
 Acq On : 12 Apr 2023 11:55
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:46:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	270728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	421713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	160303	49.271	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.540%		
35) Dibromofluoromethane	7.716	113	132304	48.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.920%		
50) Toluene-d8	10.179	98	508844	50.073	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.140%		
62) 4-Bromofluorobenzene	12.477	95	166445	50.410	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	117592	48.261	ug/l	99
3) Chloromethane	2.107	50	145217	47.571	ug/l	99
4) Vinyl Chloride	2.247	62	139136	48.074	ug/l	98
5) Bromomethane	2.650	94	103182	46.491	ug/l	94
6) Chloroethane	2.790	64	91308	46.781	ug/l	98
7) Trichlorofluoromethane	3.125	101	212785	47.237	ug/l	98
8) Diethyl Ether	3.528	74	77913	47.606	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	127266	48.078	ug/l	99
10) Methyl Iodide	4.088	142	168396	51.863	ug/l	96
11) Tert butyl alcohol	4.972	59	99327	258.576	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	123584	48.511	ug/l	93
13) Acrolein	3.729	56	98822	247.255	ug/l	99
14) Allyl chloride	4.479	41	237516	48.807	ug/l	95
15) Acrylonitrile	5.161	53	239186	254.330	ug/l	99
16) Acetone	3.948	43	286520	256.129	ug/l	94
17) Carbon Disulfide	4.192	76	405330	48.328	ug/l	100
18) Methyl Acetate	4.473	43	183986	50.853	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	384028	50.323	ug/l	100
20) Methylene Chloride	4.716	84	143480	48.426	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	142208	48.901	ug/l	96
22) Diisopropyl ether	6.113	45	481339	50.188	ug/l	93
23) Vinyl Acetate	6.052	43	1573313	259.501	ug/l	97
24) 1,1-Dichloroethane	6.015	63	257511	48.068	ug/l	99
25) 2-Butanone	6.984	43	369317	257.844	ug/l	93
26) 2,2-Dichloropropane	6.978	77	227072	47.244	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	156410	49.463	ug/l	96
28) Bromochloromethane	7.326	49	106173	49.727	ug/l	96
29) Tetrahydrofuran	7.344	42	232207	266.926	ug/l	97
30) Chloroform	7.503	83	257922	47.575	ug/l	97
31) Cyclohexane	7.783	56	231423	47.042	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	232621	47.430	ug/l	98
36) 1,1-Dichloropropene	7.911	75	198781	48.061	ug/l	99
37) Ethyl Acetate	7.070	43	169510	50.844	ug/l	96
38) Carbon Tetrachloride	7.899	117	217329	47.521	ug/l	99
39) Methylcyclohexane	9.179	83	240963	50.115	ug/l	96
40) Benzene	8.161	78	575772	48.099	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	68976m	48.521	ug/l	
42) 1,2-Dichloroethane	8.234	62	196017	48.296	ug/l	97
43) Isopropyl Acetate	8.271	43	280222	50.603	ug/l	96
44) Trichloroethene	8.935	130	146387	47.471	ug/l	96
45) 1,2-Dichloropropane	9.210	63	150567	48.461	ug/l	99
46) Dibromomethane	9.301	93	91509	48.937	ug/l	98
47) Bromodichloromethane	9.496	83	202129	47.284	ug/l	96
48) Methyl methacrylate	9.289	41	132566	52.117	ug/l	94
49) 1,4-Dioxane	9.307	88	25475	1005.508	ug/l #	74
51) 4-Methyl-2-Pentanone	10.069	43	783600	260.008	ug/l	97
52) Toluene	10.240	92	351282	48.598	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	221440	49.464	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	239732	48.837	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	117870	47.806	ug/l	98
56) Ethyl methacrylate	10.508	69	177267	52.509	ug/l	93
57) 1,3-Dichloropropane	10.789	76	206762	49.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	345684	245.234	ug/l	97
59) 2-Hexanone	10.831	43	583883	266.450	ug/l	96
60) Dibromochloromethane	10.984	129	150608	48.716	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119237	49.663	ug/l	100
64) Tetrachloroethene	10.715	164	126440	48.039	ug/l	96
65) Chlorobenzene	11.514	112	373602	47.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	143120	48.867	ug/l	99
67) Ethyl Benzene	11.593	91	672522	49.477	ug/l	100
68) m/p-Xylenes	11.703	106	512357	98.517	ug/l	96
69) o-Xylene	12.026	106	240252	49.880	ug/l	98
70) Styrene	12.044	104	411693	50.607	ug/l	98
71) Bromoform	12.203	173	101622	50.085	ug/l #	98
73) Isopropylbenzene	12.325	105	633166	49.765	ug/l	99
74) N-amyl acetate	12.142	43	232793	51.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	155344	49.425	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	113315m	48.859	ug/l	
77) Bromobenzene	12.605	156	157297	49.439	ug/l	99
78) n-propylbenzene	12.672	91	787782	50.134	ug/l	100
79) 2-Chlorotoluene	12.758	91	440307	49.780	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	534713	50.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	56510	50.745	ug/l	92
82) 4-Chlorotoluene	12.855	91	458091	49.126	ug/l	98
83) tert-Butylbenzene	13.075	119	458398	50.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	525429	50.659	ug/l	98
85) sec-Butylbenzene	13.251	105	681723	49.851	ug/l	99
86) p-Isopropyltoluene	13.367	119	565042	50.354	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	295581	48.194	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	298613	48.180	ug/l	99
89) n-Butylbenzene	13.697	91	536257	49.965	ug/l	98
90) Hexachloroethane	13.959	117	110932	47.412	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	269773	48.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28952	50.724	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	165750	49.970	ug/l	99
94) Hexachlorobutadiene	15.111	225	94789	48.260	ug/l	98
95) Naphthalene	15.239	128	379809	46.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149200	49.372	ug/l	99

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

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