

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013489.D
 Acq On : 27 Apr 2023 13:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 27 16:13:41 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	287947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	407483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165854	52.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.080%			
35) Dibromofluoromethane	7.710	113	146901	51.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.220%			
50) Toluene-d8	10.179	98	508672	50.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.477	95	182308	53.410	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	139595	50.994	ug/l	99
3) Chloromethane	2.113	50	180501	49.191	ug/l	99
4) Vinyl Chloride	2.247	62	174696	47.815	ug/l	99
5) Bromomethane	2.650	94	133532	45.864	ug/l	99
6) Chloroethane	2.790	64	121192	48.016	ug/l	96
7) Trichlorofluoromethane	3.125	101	272016	49.147	ug/l	99
8) Diethyl Ether	3.528	74	95939	50.902	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	152358	49.076	ug/l	97
10) Methyl Iodide	4.088	142	190914	48.961	ug/l	99
11) Tert butyl alcohol	4.979	59	84752	238.411	ug/l	100
12) 1,1-Dichloroethene	3.869	96	148828	49.732	ug/l	94
13) Acrolein	3.729	56	72411	263.009	ug/l	95
14) Allyl chloride	4.473	41	286234	51.548	ug/l	96
15) Acrylonitrile	5.161	53	293867	278.402	ug/l	99
16) Acetone	3.954	43	296332	238.386	ug/l	99
17) Carbon Disulfide	4.192	76	481483	49.531	ug/l	99
18) Methyl Acetate	4.473	43	219484	53.459	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	455461	52.718	ug/l	97
20) Methylene Chloride	4.710	84	192627	49.361	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	172764	52.801	ug/l	97
22) Diisopropyl ether	6.112	45	611263	56.321	ug/l	93
23) Vinyl Acetate	6.058	43	1908383	310.555	ug/l	95
24) 1,1-Dichloroethane	6.015	63	325610	53.830	ug/l	98
25) 2-Butanone	6.990	43	426987	270.846	ug/l	91
26) 2,2-Dichloropropane	6.978	77	258765	49.645	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	193043	53.398	ug/l	95
28) Bromochloromethane	7.332	49	118556	55.232	ug/l #	78
29) Tetrahydrofuran	7.344	42	272323	277.503	ug/l	91
30) Chloroform	7.502	83	327461	54.449	ug/l	99
31) Cyclohexane	7.783	56	274935	48.648	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	284289	52.973	ug/l	98
36) 1,1-Dichloropropene	7.917	75	242249	51.285	ug/l	97
37) Ethyl Acetate	7.070	43	189206	53.228	ug/l	96
38) Carbon Tetrachloride	7.899	117	257253	51.962	ug/l	95
39) Methylcyclohexane	9.179	83	283136	50.845	ug/l	93
40) Benzene	8.155	78	708095	53.218	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	82960m	50.083	ug/l	
42) 1,2-Dichloroethane	8.234	62	238518	54.831	ug/l	99
43) Isopropyl Acetate	8.271	43	329650	54.943	ug/l	95
44) Trichloroethene	8.935	130	180858	51.100	ug/l	94
45) 1,2-Dichloropropane	9.216	63	192989	55.473	ug/l	99
46) Dibromomethane	9.301	93	113207	54.385	ug/l	94
47) Bromodichloromethane	9.496	83	258352	55.466	ug/l	98
48) Methyl methacrylate	9.289	41	156592	56.828	ug/l	91
49) 1,4-Dioxane	9.313	88	32636	1097.763	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	951105	284.473	ug/l	95
52) Toluene	10.240	92	426367	53.250	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	269499	54.670	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	296770	53.502	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	149459	54.218	ug/l	99
56) Ethyl methacrylate	10.508	69	219523	57.400	ug/l	90
57) 1,3-Dichloropropane	10.788	76	255985	54.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	381519	266.034	ug/l	91
59) 2-Hexanone	10.831	43	682659	280.886	ug/l	96
60) Dibromochloromethane	10.984	129	183324	54.769	ug/l	99
61) 1,2-Dibromoethane	11.087	107	146166	53.931	ug/l	100
64) Tetrachloroethene	10.715	164	156154	50.396	ug/l	99
65) Chlorobenzene	11.514	112	453990	51.145	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	176618	53.202	ug/l	99
67) Ethyl Benzene	11.593	91	822440	52.764	ug/l	99
68) m/p-Xylenes	11.703	106	624914	105.461	ug/l	97
69) o-Xylene	12.026	106	295565	52.741	ug/l	96
70) Styrene	12.044	104	507293	54.139	ug/l	99
71) Bromoform	12.203	173	125689	54.052	ug/l #	100
73) Isopropylbenzene	12.325	105	777972	51.625	ug/l	97
74) N-amyl acetate	12.142	43	295035	55.016	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	197817	53.704	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	138873m	51.683	ug/l	
77) Bromobenzene	12.605	156	191554	52.459	ug/l	90
78) n-propylbenzene	12.672	91	964110	51.940	ug/l	97
79) 2-Chlorotoluene	12.758	91	543874	52.470	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	652101	53.017	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	66924	50.948	ug/l	94
82) 4-Chlorotoluene	12.855	91	560865	51.914	ug/l	98
83) tert-Butylbenzene	13.075	119	553126	51.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	635424	53.136	ug/l	100
85) sec-Butylbenzene	13.251	105	820651	51.313	ug/l	98
86) p-Isopropyltoluene	13.367	119	673155	52.340	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	363476	52.249	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	360922	51.360	ug/l	100
89) n-Butylbenzene	13.696	91	645127	51.394	ug/l	98
90) Hexachloroethane	13.959	117	137675	50.862	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	336002	53.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34244	52.639	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	204802	54.681	ug/l	97
94) Hexachlorobutadiene	15.111	225	116307	53.357	ug/l	99
95) Naphthalene	15.233	128	467585	57.539	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	190478	57.059	ug/l	99

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

