

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012211.D
 Acq On : 16 Jan 2023 19:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 04:52:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82496	51.114	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.220%			
35) Dibromofluoromethane	7.716	113	76168	47.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.040%			
50) Toluene-d8	10.179	98	277851	49.457	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.483	95	107640	47.136	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76133	44.665	ug/l	97
3) Chloromethane	2.113	50	80740	51.310	ug/l	99
4) Vinyl Chloride	2.253	62	90775	49.423	ug/l	99
5) Bromomethane	2.650	94	72098	50.773	ug/l	95
6) Chloroethane	2.796	64	59324	49.526	ug/l	99
7) Trichlorofluoromethane	3.125	101	163879	45.717	ug/l	98
8) Diethyl Ether	3.527	74	55001	51.564	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	82569	47.327	ug/l	96
10) Methyl Iodide	4.094	142	125436	47.311	ug/l	96
11) Tert butyl alcohol	4.948	59	44322	230.030	ug/l	99
12) 1,1-Dichloroethene	3.875	96	86977	48.552	ug/l	95
13) Acrolein	3.729	56	16639	229.421	ug/l	98
14) Allyl chloride	4.479	41	117087	52.861	ug/l #	89
15) Acrylonitrile	5.161	53	124717	267.682	ug/l	99
16) Acetone	3.948	43	118046	217.346	ug/l	98
17) Carbon Disulfide	4.198	76	265587	47.931	ug/l	99
18) Methyl Acetate	4.479	43	66005	54.310	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	260358	52.137	ug/l	95
20) Methylene Chloride	4.716	84	110428	48.279	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	100340	50.194	ug/l	90
22) Diisopropyl ether	6.118	45	241034	54.583	ug/l #	91
23) Vinyl Acetate	6.057	43	747682	271.715	ug/l	95
24) 1,1-Dichloroethane	6.015	63	159562	52.094	ug/l	98
25) 2-Butanone	6.984	43	152362	254.105	ug/l	91
26) 2,2-Dichloropropane	6.978	77	160334	48.220	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	113335	51.614	ug/l	94
28) Bromochloromethane	7.332	49	34164	51.072	ug/l #	79
29) Tetrahydrofuran	7.350	42	90250	274.020	ug/l #	85
30) Chloroform	7.508	83	186204	51.499	ug/l	99
31) Cyclohexane	7.783	56	133215	46.843	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	172122	48.085	ug/l	98
36) 1,1-Dichloropropene	7.917	75	128721	46.755	ug/l	98
37) Ethyl Acetate	7.076	43	63069	51.965	ug/l #	95
38) Carbon Tetrachloride	7.899	117	159921	44.977	ug/l	95
39) Methylcyclohexane	9.179	83	161488	47.999	ug/l	95
40) Benzene	8.161	78	391335	49.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	33767m	47.333	ug/l	
42) 1,2-Dichloroethane	8.234	62	126063	49.833	ug/l	99
43) Isopropyl Acetate	8.271	43	119014	52.707	ug/l	96
44) Trichloroethene	8.941	130	115216	48.511	ug/l	98
45) 1,2-Dichloropropane	9.215	63	86169	51.970	ug/l	99
46) Dibromomethane	9.307	93	57215	51.545	ug/l	97
47) Bromodichloromethane	9.496	83	141881	50.779	ug/l	98
48) Methyl methacrylate	9.289	41	55151	53.009	ug/l	91
49) 1,4-Dioxane	9.295	88	15876	1049.652	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	319970	265.746	ug/l	96
52) Toluene	10.246	92	262806	49.673	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147613	50.507	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	161668	51.364	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	82073	52.042	ug/l	98
56) Ethyl methacrylate	10.508	69	109360	52.857	ug/l	96
57) 1,3-Dichloropropane	10.788	76	134130	52.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	170702	249.347	ug/l	91
59) 2-Hexanone	10.831	43	236251	257.719	ug/l	96
60) Dibromochloromethane	10.983	129	106385	50.861	ug/l	99
61) 1,2-Dibromoethane	11.087	107	79245	52.075	ug/l	98
64) Tetrachloroethene	10.721	164	131171	50.052	ug/l	96
65) Chlorobenzene	11.514	112	285326	48.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	109106	49.190	ug/l	98
67) Ethyl Benzene	11.593	91	504002	47.990	ug/l	98
68) m/p-Xylenes	11.703	106	399531	96.217	ug/l	99
69) o-Xylene	12.032	106	193347	48.749	ug/l	98
70) Styrene	12.044	104	325717	49.151	ug/l	99
71) Bromoform	12.209	173	70269	49.586	ug/l #	98
73) Isopropylbenzene	12.331	105	504184	48.261	ug/l	99
74) N-amyl acetate	12.142	43	105115	51.328	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	83561	50.781	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	58870m	44.190	ug/l	
77) Bromobenzene	12.611	156	123761	49.232	ug/l	93
78) n-propylbenzene	12.672	91	585208	47.870	ug/l	98
79) 2-Chlorotoluene	12.758	91	337478	48.825	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	437214	48.142	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32678	50.541	ug/l	98
82) 4-Chlorotoluene	12.855	91	344329	47.425	ug/l	97
83) tert-Butylbenzene	13.075	119	371454	46.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	435543	48.630	ug/l	99
85) sec-Butylbenzene	13.257	105	531036	47.121	ug/l	97
86) p-Isopropyltoluene	13.367	119	465614	47.288	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	239397	47.882	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	237035	47.539	ug/l	99
89) n-Butylbenzene	13.696	91	406653	47.658	ug/l	99
90) Hexachloroethane	13.965	117	83753	47.118	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	215801	48.373	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17378	51.102	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	137943	48.257	ug/l	98
94) Hexachlorobutadiene	15.111	225	79449	46.163	ug/l	99
95) Naphthalene	15.239	128	290084	51.415	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	120548	49.007	ug/l	98

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

