

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012531.D
 Acq On : 08 Feb 2023 10:09
 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 02/09/2023
 Supervised By :Mahesh Dadoda 02/09/2023

Quant Time: Feb 09 07:11:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90772	50.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.716	113	78482	52.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.420%			
50) Toluene-d8	10.179	98	319861	51.125	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.483	95	111538	51.111	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46118	45.809	ug/l	98
3) Chloromethane	2.119	50	47624	43.175	ug/l	100
4) Vinyl Chloride	2.253	62	60175	43.788	ug/l	99
5) Bromomethane	2.656	94	51037	50.928	ug/l	100
6) Chloroethane	2.796	64	44938	46.980	ug/l	99
7) Trichlorofluoromethane	3.131	101	131716	46.631	ug/l	95
8) Diethyl Ether	3.534	74	41519	49.571	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	68801	48.235	ug/l	99
10) Methyl Iodide	4.095	142	88479	47.849	ug/l	99
11) Tert butyl alcohol	4.954	59	39084	223.911	ug/l	97
12) 1,1-Dichloroethene	3.875	96	66415	47.124	ug/l	96
13) Acrolein	3.729	56	51004	240.998	ug/l	99
14) Allyl chloride	4.485	41	82052	47.749	ug/l	100
15) Acrylonitrile	5.161	53	100913	261.151	ug/l	100
16) Acetone	3.948	43	123811	285.745	ug/l	96
17) Carbon Disulfide	4.198	76	162779	44.529	ug/l	98
18) Methyl Acetate	4.479	43	50644	48.628	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	213265	51.712	ug/l	99
20) Methylene Chloride	4.716	84	77265	47.524	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	75290	48.983	ug/l	99
22) Diisopropyl ether	6.119	45	176537	50.524	ug/l	98
23) Vinyl Acetate	6.058	43	554963	263.464	ug/l	96
24) 1,1-Dichloroethane	6.021	63	121360	48.586	ug/l	99
25) 2-Butanone	6.984	43	127744	265.723	ug/l	97
26) 2,2-Dichloropropane	6.984	77	134963	49.178	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	88649	49.699	ug/l	99
28) Bromochloromethane	7.332	49	48766	53.709	ug/l	97
29) Tetrahydrofuran	7.344	42	68118	262.096	ug/l	97
30) Chloroform	7.509	83	147635	49.023	ug/l	97
31) Cyclohexane	7.783	56	93281	44.816	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	145137	49.664	ug/l	100
36) 1,1-Dichloropropene	7.917	75	98980	48.654	ug/l	99
37) Ethyl Acetate	7.076	43	47771	52.041	ug/l	99
38) Carbon Tetrachloride	7.899	117	136261	49.898	ug/l	97
39) Methylcyclohexane	9.185	83	118899	48.571	ug/l	99
40) Benzene	8.161	78	298196	49.628	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	30407m	60.462	ug/l	
42) 1,2-Dichloroethane	8.240	62	101133	51.929	ug/l	99
43) Isopropyl Acetate	8.271	43	90349	53.085	ug/l	100
44) Trichloroethene	8.941	130	92361	50.496	ug/l	100
45) 1,2-Dichloropropane	9.216	63	65154	50.008	ug/l	100
46) Dibromomethane	9.307	93	43730	50.690	ug/l	98
47) Bromodichloromethane	9.496	83	114730	51.291	ug/l	100
48) Methyl methacrylate	9.295	41	41013	52.719	ug/l	96
49) 1,4-Dioxane	9.295	88	13157	1104.789	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	253265	275.808	ug/l	100
52) Toluene	10.246	92	204489	50.186	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	116854	51.843	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	124076	50.868	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	66395	52.672	ug/l	95
56) Ethyl methacrylate	10.508	69	87680	55.363	ug/l	98
57) 1,3-Dichloropropane	10.789	76	106547	52.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	188634	264.993	ug/l	98
59) 2-Hexanone	10.831	43	197426	284.498	ug/l	100
60) Dibromochloromethane	10.984	129	88395	52.606	ug/l	97
61) 1,2-Dibromoethane	11.087	107	61288	51.890	ug/l	97
64) Tetrachloroethene	10.721	164	103617	52.137	ug/l	98
65) Chlorobenzene	11.514	112	227138	50.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	91034	51.450	ug/l	99
67) Ethyl Benzene	11.593	91	401158	50.608	ug/l	99
68) m/p-Xylenes	11.703	106	322411	101.899	ug/l	99
69) o-Xylene	12.032	106	152881	50.737	ug/l	98
70) Styrene	12.044	104	263998	51.660	ug/l	100
71) Bromoform	12.209	173	59920	53.578	ug/l	99
73) Isopropylbenzene	12.331	105	418390	50.815	ug/l	99
74) N-amyl acetate	12.142	43	79678	53.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	69167	51.953	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	49113m	43.196	ug/l	
77) Bromobenzene	12.611	156	100740	50.480	ug/l	99
78) n-propylbenzene	12.672	91	477610	50.398	ug/l	100
79) 2-Chlorotoluene	12.758	91	272427	50.639	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	361126	50.950	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	25826	51.222	ug/l	96
82) 4-Chlorotoluene	12.855	91	282872	50.124	ug/l	100
83) tert-Butylbenzene	13.075	119	323261	52.009	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	358782	51.445	ug/l	99
85) sec-Butylbenzene	13.258	105	453265	50.975	ug/l	100
86) p-Isopropyltoluene	13.373	119	394213	51.104	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	201092	50.644	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	199804	50.235	ug/l	99
89) n-Butylbenzene	13.697	91	337548	51.200	ug/l	100
90) Hexachloroethane	13.965	117	71021	50.160	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	181270	50.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14016	52.903	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	114074	51.541	ug/l	100
94) Hexachlorobutadiene	15.111	225	68192	49.596	ug/l	99
95) Naphthalene	15.239	128	231714	54.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	99021	51.686	ug/l	99

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

