

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009948.D
 Acq On : 10 Aug 2022 04:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 08:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						08/10/2022
1) Pentafluorobenzene	7.783	168	59849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	104046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54005	50.000	ug/l	0.00
System Monitoring Compounds						08/11/2022
33) 1,2-Dichloroethane-d4	8.137	65	24208	51.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.710	113	25790	45.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.320%	
50) Toluene-d8	10.173	98	87864	51.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.477	95	41335	52.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	22405	43.882	ug/l	95
3) Chloromethane	2.101	50	26294	41.415	ug/l	97
4) Vinyl Chloride	2.241	62	26834	40.624	ug/l	96
5) Bromomethane	2.638	94	19738	43.918	ug/l	91
6) Chloroethane	2.778	64	17123	42.878	ug/l	97
7) Trichlorofluoromethane	3.107	101	49909	46.573	ug/l	99
8) Diethyl Ether	3.515	74	19962	53.489	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	29741	48.399	ug/l	95
10) Methyl Iodide	4.076	142	36167	51.265	ug/l	99
11) Tert butyl alcohol	4.954	59	16370	241.263	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	27538	48.397	ug/l	98
13) Acrolein	3.717	56	993	134.071	ug/l	99
14) Allyl chloride	4.466	41	48662	45.895	ug/l	97
15) Acrylonitrile	5.149	53	56685	283.554	ug/l	99
16) Acetone	3.936	43	40068	237.337	ug/l #	88
17) Carbon Disulfide	4.180	76	89733	49.466	ug/l	96
18) Methyl Acetate	4.460	43	28840	57.147	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	85725	53.990	ug/l	98
20) Methylene Chloride	4.698	84	43532	55.018	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	35195	53.998	ug/l	98
22) Diisopropyl ether	6.106	45	120126	53.914	ug/l	97
23) Vinyl Acetate	6.045	43	378423	271.221	ug/l	97
24) 1,1-Dichloroethane	6.003	63	61761	51.292	ug/l	98
25) 2-Butanone	6.978	43	73399	264.010	ug/l	98
26) 2,2-Dichloropropane	6.966	77	36977	35.371	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	40996	55.423	ug/l	96
28) Bromochloromethane	7.320	49	22184	52.885	ug/l	94
29) Tetrahydrofuran	7.338	42	51261	282.471	ug/l	99
30) Chloroform	7.496	83	64121	52.972	ug/l	96
31) Cyclohexane	7.777	56	54927	47.275	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	50986	49.930	ug/l	98
36) 1,1-Dichloropropene	7.905	75	47006	49.322	ug/l	99
37) Ethyl Acetate	7.064	43	33575	53.097	ug/l	99
38) Carbon Tetrachloride	7.887	117	46500	49.160	ug/l	98
39) Methylcyclohexane	9.179	83	62305	55.445	ug/l	97
40) Benzene	8.149	78	154685	54.147	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17950m	51.972	ug/l	
42) 1,2-Dichloroethane	8.228	62	43015	54.268	ug/l	99
43) Isopropyl Acetate	8.265	43	59416	52.785	ug/l	97
44) Trichloroethene	8.929	130	43237	58.422	ug/l	100
45) 1,2-Dichloropropane	9.210	63	44002	59.370	ug/l	95
46) Dibromomethane	9.301	93	25192	60.805	ug/l	97
47) Bromodichloromethane	9.490	83	56274	59.193	ug/l	99
48) Methyl methacrylate	9.289	41	27858	55.637	ug/l	98
49) 1,4-Dioxane	9.289	88	5811	1221.923	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	180895	290.784	ug/l	100
52) Toluene	10.240	92	101780	57.563	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	51564	51.729	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	60882	53.535	ug/l	99
55) 1,1,2-Trichloroethane	10.636	97	34747	58.099	ug/l	99
56) Ethyl methacrylate	10.508	69	46615	60.287	ug/l	98
57) 1,3-Dichloropropane	10.788	76	57550	57.372	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	101222	282.962	ug/l	98
59) 2-Hexanone	10.825	43	122619	288.769	ug/l	100
60) Dibromochloromethane	10.977	129	38236	55.533	ug/l	99
61) 1,2-Dibromoethane	11.081	107	30850	54.253	ug/l	100
64) Tetrachloroethene	10.715	164	39329	54.066	ug/l	97
65) Chlorobenzene	11.514	112	103213	52.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37697	52.892	ug/l	99
67) Ethyl Benzene	11.587	91	179149	52.462	ug/l	96
68) m/p-Xylenes	11.697	106	141164	108.046	ug/l	96
69) o-Xylene	12.026	106	67412	54.968	ug/l	95
70) Styrene	12.038	104	118065	56.132	ug/l	99
71) Bromoform	12.203	173	24247	55.080	ug/l #	98
73) Isopropylbenzene	12.325	105	172671	47.911	ug/l	100
74) N-amyl acetate	12.142	43	53798	46.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.575	83	42811	51.813	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	28562m	48.339	ug/l	
77) Bromobenzene	12.605	156	42363	48.676	ug/l	91
78) n-propylbenzene	12.666	91	225441	49.243	ug/l	98
79) 2-Chlorotoluene	12.752	91	126877	49.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	149914	49.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	12383	42.371	ug/l	93
82) 4-Chlorotoluene	12.849	91	133521	49.429	ug/l	98
83) tert-Butylbenzene	13.075	119	128034	49.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	154930	51.975	ug/l	99
85) sec-Butylbenzene	13.251	105	197048	49.198	ug/l	98
86) p-Isopropyltoluene	13.367	119	157387	48.540	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	86148	49.492	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	86996	49.133	ug/l	99
89) n-Butylbenzene	13.690	91	156112	49.289	ug/l	96
90) Hexachloroethane	13.959	117	32988	48.828	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	79357	50.018	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6440	48.729	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	42215	46.942	ug/l	98
94) Hexachlorobutadiene	15.111	225	22675	44.393	ug/l	99
95) Naphthalene	15.233	128	100716	53.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38892	48.609	ug/l	96

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

