

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009237.D
 Acq On : 20 Jun 2022 11:03
 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

06/21/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 21 08:11:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107248	49.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.716	113	108118	51.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.179	98	398367	49.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.483	95	140648	49.481	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67365	42.911	ug/l	96
3) Chloromethane	2.113	50	84373	43.380	ug/l	96
4) Vinyl Chloride	2.247	62	90755	44.453	ug/l	98
5) Bromomethane	2.644	94	61714	43.028	ug/l	97
6) Chloroethane	2.790	64	59567	46.627	ug/l	99
7) Trichlorofluoromethane	3.125	101	153975	47.214	ug/l	93
8) Diethyl Ether	3.528	74	60570	48.948	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	98125	48.935	ug/l	96
10) Methyl Iodide	4.088	142	128765	50.269	ug/l #	88
11) Tert butyl alcohol	4.948	59	61523	179.003	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	96829	49.066	ug/l	84
13) Acrolein	3.723	56	18132	313.642	ug/l	99
14) Allyl chloride	4.473	41	175549	49.294	ug/l	90
15) Acrylonitrile	5.161	53	170210	257.174	ug/l	97
16) Acetone	3.942	43	164209	300.911	ug/l #	89
17) Carbon Disulfide	4.186	76	273620	47.893	ug/l	98
18) Methyl Acetate	4.473	43	78422	49.755	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	304239	51.095	ug/l	96
20) Methylene Chloride	4.710	84	115993	47.053	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	114869	49.676	ug/l	89
22) Diisopropyl ether	6.112	45	363181	49.459	ug/l	97
23) Vinyl Acetate	6.058	43	1205430	260.954	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	204150	49.202	ug/l	99
25) 2-Butanone	6.978	43	235646	272.887	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	185443	50.441	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	134214	49.490	ug/l	89
28) Bromochloromethane	7.332	49	90707	51.003	ug/l #	84
29) Tetrahydrofuran	7.344	42	142972	249.356	ug/l	90
30) Chloroform	7.502	83	208284	48.802	ug/l	99
31) Cyclohexane	7.783	56	180429	46.494	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	182533	48.640	ug/l	96
36) 1,1-Dichloropropene	7.917	75	158087	48.907	ug/l	97
37) Ethyl Acetate	7.070	43	95300	49.545	ug/l #	94
38) Carbon Tetrachloride	7.899	117	163813	49.011	ug/l	97
39) Methylcyclohexane	9.185	83	195129	50.072	ug/l	91
40) Benzene	8.161	78	459548	48.685	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	54051m	50.240	ug/l	
42) 1,2-Dichloroethane	8.234	62	133252	48.405	ug/l	92
43) Isopropyl Acetate	8.271	43	175982	49.465	ug/l #	91
44) Trichloroethene	8.941	130	130184	48.250	ug/l	97
45) 1,2-Dichloropropane	9.216	63	116565	48.718	ug/l	98
46) Dibromomethane	9.307	93	68204	49.556	ug/l	98
47) Bromodichloromethane	9.496	83	159629	48.663	ug/l	99
48) Methyl methacrylate	9.289	41	80511	50.701	ug/l #	86
49) 1,4-Dioxane	9.295	88	19212	981.318	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	463052	247.432	ug/l	91
52) Toluene	10.240	92	288534	47.873	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	169798	49.347	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	194018	49.926	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	96421	49.506	ug/l	98
56) Ethyl methacrylate	10.508	69	131288	49.724	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	165124	49.628	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	271149	236.915	ug/l	95
59) 2-Hexanone	10.831	43	328889	256.176	ug/l	90
60) Dibromochloromethane	10.984	129	115709	48.525	ug/l	100
61) 1,2-Dibromoethane	11.087	107	93494	49.253	ug/l	100
64) Tetrachloroethene	10.721	164	136130	49.955	ug/l	98
65) Chlorobenzene	11.514	112	309856	48.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	113392	48.592	ug/l	98
67) Ethyl Benzene	11.593	91	541384	48.691	ug/l	98
68) m/p-Xylenes	11.703	106	419020	95.589	ug/l	93
69) o-Xylene	12.026	106	200189	48.199	ug/l	94
70) Styrene	12.044	104	332814	47.767	ug/l	96
71) Bromoform	12.209	173	72032	48.328	ug/l #	98
73) Isopropylbenzene	12.331	105	529743	49.888	ug/l	99
74) N-amyl acetate	12.142	43	143785	48.543	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	104171	49.567	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	81911m	52.581	ug/l	
77) Bromobenzene	12.611	156	125933	48.272	ug/l	95
78) n-propylbenzene	12.672	91	636722	49.558	ug/l	97
79) 2-Chlorotoluene	12.758	91	355546	49.116	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	440515	49.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	38662	49.460	ug/l	87
82) 4-Chlorotoluene	12.855	91	371406	49.171	ug/l	98
83) tert-Butylbenzene	13.075	119	383334	49.126	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	432249	49.619	ug/l	97
85) sec-Butylbenzene	13.251	105	573368	49.623	ug/l	99
86) p-Isopropyltoluene	13.373	119	472721	49.301	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	242773	48.249	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	245115	47.990	ug/l	98
89) n-Butylbenzene	13.696	91	441832	48.729	ug/l	98
90) Hexachloroethane	13.965	117	90103	49.835	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	220876	48.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18531	48.867	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	137045	47.905	ug/l	99
94) Hexachlorobutadiene	15.111	225	75425	47.970	ug/l	99
95) Naphthalene	15.239	128	300264	50.321	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	121508	48.259	ug/l	99

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

