

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009247.D
 Acq On : 20 Jun 2022 17:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 08:13:43 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	174042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94600	52.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.060%			
35) Dibromofluoromethane	7.710	113	91422	51.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.173	98	355164	52.995	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.980%			
62) 4-Bromofluorobenzene	12.477	95	126151	52.970	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50684	38.471	ug/l	98
3) Chloromethane	2.107	50	69634	42.662	ug/l	96
4) Vinyl Chloride	2.241	62	76991	44.937	ug/l	100
5) Bromomethane	2.637	94	52929	43.974	ug/l	94
6) Chloroethane	2.784	64	50278	46.896	ug/l	97
7) Trichlorofluoromethane	3.113	101	117729	43.017	ug/l	97
8) Diethyl Ether	3.521	74	43993	42.364	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	73610	43.743	ug/l	97
10) Methyl Iodide	4.076	142	95655	44.499	ug/l	89
11) Tert butyl alcohol	4.948	59	47299	163.987	ug/l	96
12) 1,1-Dichloroethene	3.863	96	71797	43.352	ug/l	85
13) Acrolein	3.723	56	52361	1166.574	ug/l	97
14) Allyl chloride	4.473	41	132577	44.361	ug/l	94
15) Acrylonitrile	5.155	53	133428	240.228	ug/l	97
16) Acetone	3.936	43	96187	210.034	ug/l	94
17) Carbon Disulfide	4.186	76	202745	42.287	ug/l	98
18) Methyl Acetate	4.466	43	62045	46.689	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	234778	46.985	ug/l	99
20) Methylene Chloride	4.704	84	92150	44.381	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	90230	46.497	ug/l	88
22) Diisopropyl ether	6.112	45	311973	50.625	ug/l	94
23) Vinyl Acetate	6.051	43	1008304	260.104	ug/l	95
24) 1,1-Dichloroethane	6.009	63	163298	46.897	ug/l	98
25) 2-Butanone	6.978	43	177353	244.735	ug/l	92
26) 2,2-Dichloropropane	6.972	77	143479	46.504	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	106860	46.953	ug/l	90
28) Bromochloromethane	7.326	49	83003	55.614	ug/l	88
29) Tetrahydrofuran	7.344	42	121093	251.664	ug/l	93
30) Chloroform	7.502	83	169612	47.355	ug/l	97
31) Cyclohexane	7.777	56	149425	45.883	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	146678	46.575	ug/l	97
36) 1,1-Dichloropropene	7.911	75	127921	47.234	ug/l	96
37) Ethyl Acetate	7.070	43	81394	50.505	ug/l	96
38) Carbon Tetrachloride	7.893	117	132385	47.274	ug/l	99
39) Methylcyclohexane	9.179	83	161574	49.486	ug/l	92
40) Benzene	8.155	78	384828	48.660	ug/l	96

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41) Methacrylonitrile	7.320	41	50148m	55.634	ug/l	
42) 1,2-Dichloroethane	8.234	62	109869	47.635	ug/l	91
43) Isopropyl Acetate	8.265	43	148956	49.972	ug/l #	92
44) Trichloroethene	8.935	130	105762	46.785	ug/l	97
45) 1,2-Dichloropropane	9.209	63	98608	49.189	ug/l	92
46) Dibromomethane	9.301	93	56676	49.150	ug/l	97
47) Bromodichloromethane	9.490	83	134158	48.814	ug/l	96
48) Methyl methacrylate	9.289	41	65287	49.072	ug/l #	88
49) 1,4-Dioxane	9.289	88	15785	962.321	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	393547	250.993	ug/l	92
52) Toluene	10.240	92	245959	48.708	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	142960	49.589	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	160631	49.335	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	80882	49.565	ug/l	99
56) Ethyl methacrylate	10.502	69	111920	50.592	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	139424	50.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	238553	248.775	ug/l	96
59) 2-Hexanone	10.825	43	270523	251.496	ug/l	90
60) Dibromochloromethane	10.977	129	98361	49.233	ug/l	99
61) 1,2-Dibromoethane	11.081	107	79322	49.875	ug/l	100
64) Tetrachloroethene	10.715	164	114688	47.827	ug/l	99
65) Chlorobenzene	11.514	112	266181	47.472	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	99355	48.384	ug/l	98
67) Ethyl Benzene	11.587	91	469876	48.024	ug/l	98
68) m/p-Xylenes	11.697	106	361616	93.746	ug/l	92
69) o-Xylene	12.026	106	174308	47.692	ug/l	91
70) Styrene	12.038	104	290823	47.433	ug/l	96
71) Bromoform	12.203	173	62034	47.297	ug/l #	99
73) Isopropylbenzene	12.325	105	456707	49.013	ug/l	99
74) N-amyl acetate	12.142	43	120801	46.476	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	88663	48.076	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	62542m	45.751	ug/l	
77) Bromobenzene	12.605	156	108444	47.370	ug/l	95
78) n-propylbenzene	12.666	91	540642	47.953	ug/l	97
79) 2-Chlorotoluene	12.752	91	306560	48.259	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	372469	47.825	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	32468	47.333	ug/l	86
82) 4-Chlorotoluene	12.849	91	313493	47.297	ug/l	97
83) tert-Butylbenzene	13.069	119	331587	48.425	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	366998	48.009	ug/l	99
85) sec-Butylbenzene	13.251	105	486104	47.942	ug/l	98
86) p-Isopropyltoluene	13.367	119	406465	48.308	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	207808	47.064	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	207277	46.246	ug/l	98
89) n-Butylbenzene	13.690	91	372970	46.876	ug/l	98
90) Hexachloroethane	13.959	117	76507	48.222	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	189350	47.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14954	44.938	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	114384	45.564	ug/l	99
94) Hexachlorobutadiene	15.111	225	62732	45.465	ug/l	98
95) Naphthalene	15.233	128	247462	47.261	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	100580	45.523	ug/l	98

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

