

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009411.D
 Acq On : 01 Jul 2022 08:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/05/2022
 Supervised By : Semsettin Yesilyurt 07/05/2022

Quant Time: Jul 01 15:31:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	130425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52456	50.214	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.420%			
35) Dibromofluoromethane	7.710	113	58197	51.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.760%			
50) Toluene-d8	10.179	98	183519	53.363	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.720%			
62) 4-Bromofluorobenzene	12.477	95	92678	56.821	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47138	43.900	ug/l	97
3) Chloromethane	2.107	50	47498	40.655	ug/l	96
4) Vinyl Chloride	2.247	62	57899	42.840	ug/l	92
5) Bromomethane	2.637	94	40467	46.661	ug/l	96
6) Chloroethane	2.790	64	37064	51.434	ug/l	98
7) Trichlorofluoromethane	3.119	101	91334	50.936	ug/l	92
8) Diethyl Ether	3.521	74	32842	46.877	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	58669	45.645	ug/l	97
10) Methyl Iodide	4.082	142	68941	48.864	ug/l	92
11) Tert butyl alcohol	4.942	59	41446	245.953	ug/l	97
12) 1,1-Dichloroethene	3.869	96	53642	45.753	ug/l	81
13) Acrolein	3.716	56	23523	269.796	ug/l	97
14) Allyl chloride	4.472	41	93042	43.310	ug/l #	95
15) Acrylonitrile	5.155	53	109768	276.573	ug/l	98
16) Acetone	3.936	43	111083	323.779	ug/l	96
17) Carbon Disulfide	4.186	76	138182	42.370	ug/l	100
18) Methyl Acetate	4.472	43	51569	58.940	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	185909	52.873	ug/l	99
20) Methylene Chloride	4.710	84	64921	40.048	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	66427	47.324	ug/l	86
22) Diisopropyl ether	6.106	45	252200	55.628	ug/l	98
23) Vinyl Acetate	6.051	43	843071	296.846	ug/l	97
24) 1,1-Dichloroethane	6.009	63	124978	49.030	ug/l	99
25) 2-Butanone	6.978	43	173133	318.308	ug/l	93
26) 2,2-Dichloropropane	6.972	77	118114	48.959	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	80215	49.190	ug/l	92
28) Bromochloromethane	7.326	49	60846	55.592	ug/l	94
29) Tetrahydrofuran	7.344	42	105809	303.424	ug/l	95
30) Chloroform	7.502	83	132339	50.515	ug/l	98
31) Cyclohexane	7.783	56	108315	46.098	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	116662	49.727	ug/l	98
36) 1,1-Dichloropropene	7.911	75	97952	49.943	ug/l	96
37) Ethyl Acetate	7.070	43	69755	59.974	ug/l	97
38) Carbon Tetrachloride	7.893	117	106799	52.097	ug/l	95
39) Methylcyclohexane	9.179	83	113435	48.869	ug/l	96
40) Benzene	8.155	78	294854	51.408	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	34706m	52.818	ug/l	
42) 1,2-Dichloroethane	8.234	62	89275	54.262	ug/l	92
43) Isopropyl Acetate	8.264	43	129292	60.546	ug/l	96
44) Trichloroethene	8.935	130	79847	50.104	ug/l	95
45) 1,2-Dichloropropane	9.215	63	77440	53.303	ug/l	96
46) Dibromomethane	9.301	93	45808	55.038	ug/l	97
47) Bromodichloromethane	9.490	83	104260	52.896	ug/l	97
48) Methyl methacrylate	9.289	41	56424	61.293	ug/l	92
49) 1,4-Dioxane	9.295	88	13644	1176.017	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	360586	327.505	ug/l	94
52) Toluene	10.240	92	196184	54.215	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	115680	58.671	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	125791	53.434	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	66990	60.497	ug/l	97
56) Ethyl methacrylate	10.508	69	93744	66.324	ug/l	87
57) 1,3-Dichloropropane	10.788	76	110844	56.506	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	236767	302.548	ug/l	98
59) 2-Hexanone	10.831	43	263994	347.103	ug/l	91
60) Dibromochloromethane	10.983	129	80754	57.626	ug/l	98
61) 1,2-Dibromoethane	11.087	107	62908	56.586	ug/l	99
64) Tetrachloroethene	10.721	164	89878	49.492	ug/l	97
65) Chlorobenzene	11.514	112	214715	51.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	80676	52.695	ug/l	97
67) Ethyl Benzene	11.593	91	382761	52.863	ug/l	98
68) m/p-Xylenes	11.703	106	303981	104.993	ug/l	93
69) o-Xylene	12.026	106	144213	52.781	ug/l	93
70) Styrene	12.044	104	251731	55.607	ug/l	96
71) Bromoform	12.209	173	55547	57.742	ug/l #	98
73) Isopropylbenzene	12.331	105	391562	50.160	ug/l	99
74) N-amyl acetate	12.142	43	118984	58.108	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	81487	53.888	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	63034m	50.929	ug/l	
77) Bromobenzene	12.605	156	92572	49.746	ug/l	97
78) n-propylbenzene	12.672	91	485553	51.133	ug/l	99
79) 2-Chlorotoluene	12.758	91	266973	49.809	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	329545	50.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30538	54.935	ug/l	86
82) 4-Chlorotoluene	12.855	91	277902	49.892	ug/l	98
83) tert-Butylbenzene	13.075	119	285171	51.994	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	325924	52.539	ug/l	97
85) sec-Butylbenzene	13.251	105	432115	52.309	ug/l	98
86) p-Isopropyltoluene	13.367	119	357996	51.535	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	183750	49.981	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	185933	49.149	ug/l	98
89) n-Butylbenzene	13.696	91	338494	51.860	ug/l	99
90) Hexachloroethane	13.959	117	69474	50.443	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	167890	50.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13263	52.334	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	97644	49.332	ug/l	99
94) Hexachlorobutadiene	15.111	225	51037	45.932	ug/l	97
95) Naphthalene	15.239	128	206900	52.209	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	83300	48.442	ug/l	99

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

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