

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010339.D
 Acq On : 03 Sep 2022 22:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

Quant Time: Sep 05 04:27:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	303890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	483487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160291	51.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.880%			
35) Dibromofluoromethane	7.710	113	151355	47.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.040%			
50) Toluene-d8	10.179	98	567423	52.656	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.477	95	200193	45.866	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	110096	45.383	ug/l	100
3) Chloromethane	2.107	50	168298	50.810	ug/l	96
4) Vinyl Chloride	2.241	62	203853	56.487	ug/l	100
5) Bromomethane	2.643	94	140591	71.749	ug/l	98
6) Chloroethane	2.784	64	134278	60.827	ug/l	100
7) Trichlorofluoromethane	3.119	101	262877	51.967	ug/l	94
8) Diethyl Ether	3.521	74	92089	50.946	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	155609	49.808	ug/l	95
10) Methyl Iodide	4.082	142	212273	56.477	ug/l	90
11) Tert butyl alcohol	4.948	59	89321	239.603	ug/l	96
12) 1,1-Dichloroethene	3.863	96	148170	48.979	ug/l	82
13) Acrolein	3.722	56	91644	232.225	ug/l	97
14) Allyl chloride	4.472	41	228240	42.866	ug/l #	94
15) Acrylonitrile	5.155	53	229582	243.755	ug/l	99
16) Acetone	3.942	43	174120	223.525	ug/l	91
17) Carbon Disulfide	4.186	76	414661	45.000	ug/l	99
18) Methyl Acetate	4.466	43	113564	46.977	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	447161	50.562	ug/l	95
20) Methylene Chloride	4.710	84	175835	46.775	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	169993	49.588	ug/l	87
22) Diisopropyl ether	6.112	45	513880	47.487	ug/l #	93
23) Vinyl Acetate	6.051	43	1649518	243.113	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	301713	48.398	ug/l	99
25) 2-Butanone	6.978	43	299746	234.468	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	242482	42.706	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	201494	51.431	ug/l	87
28) Bromochloromethane	7.325	49	108013	49.498	ug/l #	81
29) Tetrahydrofuran	7.338	42	196976	240.504	ug/l #	86
30) Chloroform	7.502	83	317598	51.735	ug/l	99
31) Cyclohexane	7.777	56	261960	43.096	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	285738	51.082	ug/l	96
36) 1,1-Dichloropropene	7.911	75	233668	49.480	ug/l	96
37) Ethyl Acetate	7.069	43	137314	50.715	ug/l #	94
38) Carbon Tetrachloride	7.892	117	261548	53.739	ug/l	99
39) Methylcyclohexane	9.179	83	300016	49.209	ug/l	89
40) Benzene	8.155	78	689614	50.988	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	81798m	53.587	ug/l	
42) 1,2-Dichloroethane	8.234	62	210308	53.630	ug/l	93
43) Isopropyl Acetate	8.270	43	255135	49.434	ug/l #	91
44) Trichloroethene	8.935	130	198792	53.540	ug/l	99
45) 1,2-Dichloropropane	9.209	63	170339	49.434	ug/l	96
46) Dibromomethane	9.301	93	103469	54.670	ug/l	97
47) Bromodichloromethane	9.496	83	250703	53.865	ug/l	100
48) Methyl methacrylate	9.289	41	117859	48.955	ug/l #	87
49) 1,4-Dioxane	9.295	88	27617	1060.485	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	688807	258.679	ug/l	90
52) Toluene	10.240	92	447188	51.687	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	252129	50.225	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	282051	49.828	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	146853	54.660	ug/l	97
56) Ethyl methacrylate	10.508	69	206169	51.942	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	246038	52.540	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	231687	214.624	ug/l	92
59) 2-Hexanone	10.831	43	477462	258.582	ug/l	89
60) Dibromochloromethane	10.983	129	181701	56.126	ug/l	100
61) 1,2-Dibromoethane	11.087	107	141966	54.680	ug/l	99
64) Tetrachloroethene	10.715	164	193388	54.872	ug/l	98
65) Chlorobenzene	11.514	112	489886	53.198	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	187433	55.430	ug/l	98
67) Ethyl Benzene	11.593	91	867897	51.467	ug/l	97
68) m/p-Xylenes	11.703	106	678695	105.357	ug/l	94
69) o-Xylene	12.026	106	329764	52.724	ug/l	93
70) Styrene	12.044	104	560795	53.826	ug/l	96
71) Bromoform	12.203	173	119676	57.254	ug/l #	98
73) Isopropylbenzene	12.325	105	867392	50.429	ug/l	99
74) N-amyl acetate	12.142	43	229180	48.296	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	167259	50.599	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	122526m	47.757	ug/l	
77) Bromobenzene	12.605	156	205999	52.647	ug/l	93
78) n-propylbenzene	12.666	91	1020714	49.435	ug/l	98
79) 2-Chlorotoluene	12.751	91	581247	49.807	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	723519	50.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	55986	45.523	ug/l	88
82) 4-Chlorotoluene	12.855	91	597533	49.727	ug/l	97
83) tert-Butylbenzene	13.074	119	653213	52.173	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	720224	50.893	ug/l	98
85) sec-Butylbenzene	13.251	105	940265	50.783	ug/l	99
86) p-Isopropyltoluene	13.367	119	793901	51.909	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	402835	53.022	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	397551	52.629	ug/l	99
89) n-Butylbenzene	13.696	91	711863	49.238	ug/l	98
90) Hexachloroethane	13.958	117	150361	51.219	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	363622	53.700	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28697	49.267	ug/l	77
93) 1,2,4-Trichlorobenzene	15.001	180	214479	51.173	ug/l	99
94) Hexachlorobutadiene	15.111	225	130960	53.310	ug/l	98
95) Naphthalene	15.233	128	468574	53.880	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	188955	53.230	ug/l	98

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

