

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010027.D
 Acq On : 15 Aug 2022 02:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Aug 15 06:24:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						08/15/2022
1) Pentafluorobenzene	7.783	168	17411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	28677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14670	50.000	ug/l	0.00
System Monitoring Compounds						08/16/2022
33) 1,2-Dichloroethane-d4	8.130	65	10284	58.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.460%
35) Dibromofluoromethane	7.709	113	10671	60.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.600%
50) Toluene-d8	10.179	98	38163	56.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.500%
62) 4-Bromofluorobenzene	12.477	95	13037	52.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	7894	50.504	ug/l	93
3) Chloromethane	2.107	50	5241	45.649	ug/l	92
4) Vinyl Chloride	2.247	62	5413	44.747	ug/l	99
5) Bromomethane	2.649	94	4891	58.226	ug/l	94
6) Chloroethane	2.790	64	3745	46.826	ug/l	91
7) Trichlorofluoromethane	3.119	101	14989	50.017	ug/l	92
8) Diethyl Ether	3.521	74	5106	45.264	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	9144	47.484	ug/l	98
10) Methyl Iodide	4.088	142	13124	56.971	ug/l	100
11) Tert butyl alcohol	4.948	59	4642	269.816	ug/l	99
12) 1,1-Dichloroethene	3.869	96	8543	45.692	ug/l	86
13) Acrolein	3.728	56	4238	186.487	ug/l	97
14) Allyl chloride	4.478	41	9130	35.026	ug/l #	84
15) Acrylonitrile	5.155	53	14419	267.052	ug/l	95
16) Acetone	3.942	43	9925	233.980	ug/l #	81
17) Carbon Disulfide	4.186	76	27900	45.851	ug/l	97
18) Methyl Acetate	4.472	43	5553	47.438	ug/l #	77
19) Methyl tert-butyl Ether	5.216	73	23034	50.417	ug/l	97
20) Methylene Chloride	4.710	84	12890	59.310	ug/l #	72
21) trans-1,2-Dichloroethene	5.216	96	10270	49.427	ug/l	84
22) Diisopropyl ether	6.112	45	22462	42.623	ug/l #	94
23) Vinyl Acetate	6.051	43	72251	221.884	ug/l #	86
24) 1,1-Dichloroethane	6.009	63	16222	48.239	ug/l	96
25) 2-Butanone	6.978	43	14961	227.299	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	12274	41.179	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	11742	52.607	ug/l	84
28) Bromochloromethane	7.325	49	5308	39.518	ug/l #	52
29) Tetrahydrofuran	7.344	42	9255	222.486	ug/l #	72
30) Chloroform	7.502	83	18274	52.552	ug/l	95
31) Cyclohexane	7.776	56	12280	38.844	ug/l #	87
32) 1,1,1-Trichloroethane	7.697	97	15617	52.853	ug/l	100
36) 1,1-Dichloropropene	7.911	75	12341	47.218	ug/l	96
37) Ethyl Acetate	7.069	43	5906	41.870	ug/l #	85
38) Carbon Tetrachloride	7.892	117	15194	58.254	ug/l	94
39) Methylcyclohexane	9.179	83	14655	46.568	ug/l	97
40) Benzene	8.154	78	41067	51.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.301	41	3225	43.044	ug/l	#	100
42) 1,2-Dichloroethane	8.234	62	12142	59.263	ug/l		97
43) Isopropyl Acetate	8.270	43	11495	46.949	ug/l	#	88
44) Trichloroethene	8.935	130	11490	53.645	ug/l		98
45) 1,2-Dichloropropane	9.215	63	9515	50.138	ug/l		98
46) Dibromomethane	9.301	93	6529	57.145	ug/l		93
47) Bromodichloromethane	9.490	83	14353	56.507	ug/l		97
48) Methyl methacrylate	9.288	41	5226	48.645	ug/l	#	85
49) 1,4-Dioxane	9.288	88	1961	1363.726	ug/l		95
51) 4-Methyl-2-Pentanone	10.069	43	32755	246.750	ug/l		92
52) Toluene	10.239	92	26549	55.740	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	13420	51.409	ug/l		96
54) cis-1,3-Dichloropropene	9.929	75	15583	51.628	ug/l	#	89
55) 1,1,2-Trichloroethane	10.642	97	9592	58.701	ug/l		97
56) Ethyl methacrylate	10.508	69	10193	50.451	ug/l		88
57) 1,3-Dichloropropane	10.788	76	14845	56.007	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.782	63	18668	211.100	ug/l		96
59) 2-Hexanone	10.831	43	21944	239.564	ug/l		91
60) Dibromochloromethane	10.983	129	11104	59.500	ug/l		97
61) 1,2-Dibromoethane	11.087	107	9565	61.117	ug/l		97
64) Tetrachloroethene	10.715	164	11671	58.293	ug/l		97
65) Chlorobenzene	11.514	112	28266	50.812	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.587	131	11642	58.748	ug/l		97
67) Ethyl Benzene	11.593	91	44922	48.028	ug/l		97
68) m/p-Xylenes	11.703	106	36874	101.847	ug/l		98
69) o-Xylene	12.026	106	17220	50.152	ug/l		97
70) Styrene	12.044	104	29448	50.349	ug/l		98
71) Bromoform	12.209	173	7462	59.608	ug/l	#	98
73) Isopropylbenzene	12.331	105	44225	44.917	ug/l		99
74) N-amyl acetate	12.142	43	9417	37.389	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	11356	49.971	ug/l		98
76) 1,2,3-Trichloropropane	12.629	75	9429m	55.620	ug/l		
77) Bromobenzene	12.605	156	11649	48.906	ug/l		96
78) n-propylbenzene	12.666	91	55258	44.718	ug/l		100
79) 2-Chlorotoluene	12.751	91	32706	46.596	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	39592	49.216	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.373	75	3443	44.149	ug/l		89
82) 4-Chlorotoluene	12.855	91	34464	47.134	ug/l		99
83) tert-Butylbenzene	13.074	119	33149	46.880	ug/l		99
84) 1,2,4-Trimethylbenzene	13.117	105	38570	47.746	ug/l		98
85) sec-Butylbenzene	13.251	105	51025	47.100	ug/l		98
86) p-Isopropyltoluene	13.367	119	41360	48.366	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	23496	50.045	ug/l		97
88) 1,4-Dichlorobenzene	13.446	146	22779	46.671	ug/l		98
89) n-Butylbenzene	13.696	91	36151	43.785	ug/l		99
90) Hexachloroethane	13.958	117	9017	49.171	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	22208	52.586	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1650	45.208	ug/l		95
93) 1,2,4-Trichlorobenzene	15.007	180	9442	39.295	ug/l		98
94) Hexachlorobutadiene	15.111	225	6582	48.506	ug/l		97
95) Naphthalene	15.232	128	19441	34.561	ug/l		98
96) 1,2,3-Trichlorobenzene	15.421	180	8713	40.544	ug/l		98

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 Supervised By :Mahesh
 Dadoda

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

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 Dadoda

08/16/2022

