

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010929.D
 Acq On : 11 Oct 2022 19:45
 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 :Krupa
 Patel

Quant Time: Oct 12 04:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						10/12/2022
1) Pentafluorobenzene	7.789	168	220872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167031	50.000	ug/l	0.00
System Monitoring Compounds						10/12/2022
33) 1,2-Dichloroethane-d4	8.136	65	125440	56.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.716	113	121111	50.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.680%
50) Toluene-d8	10.179	98	450855	54.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.600%
62) 4-Bromofluorobenzene	12.477	95	160502	49.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	79108	51.699	ug/l	98
3) Chloromethane	2.113	50	124440	48.894	ug/l	97
4) Vinyl Chloride	2.247	62	138331	45.138	ug/l	99
5) Bromomethane	2.643	94	93454	42.976	ug/l	98
6) Chloroethane	2.790	64	95639	46.827	ug/l	99
7) Trichlorofluoromethane	3.119	101	196017	52.521	ug/l	94
8) Diethyl Ether	3.527	74	74480	62.033	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	121311	56.695	ug/l	93
10) Methyl Iodide	4.088	142	150451	52.599	ug/l	93
11) Tert butyl alcohol	4.942	59	65194	344.088	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	114649	54.903	ug/l	87
13) Acrolein	3.722	56	32460	207.859	ug/l	99
14) Allyl chloride	4.472	41	190126	60.822	ug/l #	89
15) Acrylonitrile	5.155	53	203111	347.242	ug/l	98
16) Acetone	3.942	43	150262	264.266	ug/l	91
17) Carbon Disulfide	4.192	76	341700	50.634	ug/l	99
18) Methyl Acetate	4.472	43	99623	68.590	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	340993	62.379	ug/l	99
20) Methylene Chloride	4.710	84	169047	69.921	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	134305	55.079	ug/l	90
22) Diisopropyl ether	6.112	45	433588	63.245	ug/l	95
23) Vinyl Acetate	6.057	43	1354334	326.129	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	251893	60.335	ug/l	99
25) 2-Butanone	6.978	43	258732	316.501	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	206933	52.218	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	158617	58.615	ug/l	91
28) Bromochloromethane	7.332	49	100474	63.586	ug/l	92
29) Tetrahydrofuran	7.344	42	170863	355.431	ug/l #	88
30) Chloroform	7.502	83	255434	59.285	ug/l	99
31) Cyclohexane	7.783	56	208397	52.004	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	217236	55.970	ug/l	96
36) 1,1-Dichloropropene	7.911	75	189744	54.638	ug/l	99
37) Ethyl Acetate	7.069	43	114512	67.196	ug/l	95
38) Carbon Tetrachloride	7.899	117	196425	54.305	ug/l	98
39) Methylcyclohexane	9.179	83	223183	52.321	ug/l	91
40) Benzene	8.155	78	566832	56.662	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	55134m	54.965	ug/l	93
42) 1,2-Dichloroethane	8.234	62	166066	58.718	ug/l	93
43) Isopropyl Acetate	8.270	43	202172	65.547	ug/l #	91
44) Trichloroethene	8.935	130	148738	54.912	ug/l	96
45) 1,2-Dichloropropane	9.209	63	146057	60.563	ug/l	97
46) Dibromomethane	9.301	93	83718	60.690	ug/l	94
47) Bromodichloromethane	9.496	83	198347	59.582	ug/l	99
48) Methyl methacrylate	9.289	41	92574	63.902	ug/l #	82
49) 1,4-Dioxane	9.295	88	23830	1403.350	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	579542	343.438	ug/l	89
52) Toluene	10.240	92	355531	55.842	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	203584	59.068	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	231315	58.607	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	118141	61.037	ug/l	98
56) Ethyl methacrylate	10.508	69	162103	65.181	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	202227	61.452	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	401318	307.246	ug/l	97
59) 2-Hexanone	10.831	43	398591	341.046	ug/l	88
60) Dibromochloromethane	10.983	129	140426	60.510	ug/l	100
61) 1,2-Dibromoethane	11.087	107	113002	61.230	ug/l	100
64) Tetrachloroethene	10.715	164	145276	55.019	ug/l	98
65) Chlorobenzene	11.514	112	379289	54.999	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	143393	56.886	ug/l	97
67) Ethyl Benzene	11.593	91	685731	55.252	ug/l	98
68) m/p-Xylenes	11.703	106	522288	107.530	ug/l	96
69) o-Xylene	12.026	106	252241	55.545	ug/l	94
70) Styrene	12.044	104	434852	56.818	ug/l	96
71) Bromoform	12.209	173	89320	59.530	ug/l #	99
73) Isopropylbenzene	12.325	105	664280	54.097	ug/l	99
74) N-amyl acetate	12.142	43	178692	63.318	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	139472	60.794	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	104033m	61.503	ug/l	
77) Bromobenzene	12.605	156	155703	55.274	ug/l	99
78) n-propylbenzene	12.672	91	812087	54.302	ug/l	100
79) 2-Chlorotoluene	12.757	91	455331	54.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	558216	53.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	47356	58.482	ug/l	88
82) 4-Chlorotoluene	12.855	91	474142	54.195	ug/l	100
83) tert-Butylbenzene	13.074	119	483557	54.613	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	558803	54.726	ug/l	99
85) sec-Butylbenzene	13.251	105	716458	53.755	ug/l	100
86) p-Isopropyltoluene	13.367	119	597956	53.474	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	307373	53.761	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	304032	53.703	ug/l	99
89) n-Butylbenzene	13.696	91	556622	54.093	ug/l	99
90) Hexachloroethane	13.958	117	115120	53.822	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	276926	55.570	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23498	63.696	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	165034	56.442	ug/l	99
94) Hexachlorobutadiene	15.111	225	93748	52.001	ug/l	99
95) Naphthalene	15.233	128	364319	65.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147029	58.987	ug/l	99

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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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