

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010557.D
 Acq On : 19 Sep 2022 17:36
 Operator : KP/MD
 Sample : VY0919SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

Quant Time: Sep 20 01:05:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	284473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	450964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	405713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	142233	52.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.540%			
35) Dibromofluoromethane	7.710	113	136609	47.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.940%			
50) Toluene-d8	10.172	98	545274	51.185	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.477	95	181338	45.705	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38308	26.481	ug/l	97
3) Chloromethane	2.107	50	53319	25.279	ug/l	97
4) Vinyl Chloride	2.241	62	68011	25.216	ug/l	96
5) Bromomethane	2.631	94	47351	25.374	ug/l	96
6) Chloroethane	2.777	64	46464	23.186	ug/l	99
7) Trichlorofluoromethane	3.107	101	86267	23.079	ug/l	100
8) Diethyl Ether	3.521	74	28081	21.911	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	50110	22.275	ug/l	95
10) Methyl Iodide	4.082	142	56325	21.673	ug/l	91
11) Tert butyl alcohol	4.942	59	33829	133.749	ug/l	98
12) 1,1-Dichloroethene	3.857	96	45445	22.623	ug/l #	80
13) Acrolein	3.722	56	14303	113.002	ug/l	97
14) Allyl chloride	4.466	41	64497	21.297	ug/l #	93
15) Acrylonitrile	5.149	53	69652	104.710	ug/l	98
16) Acetone	3.942	43	56197	101.280	ug/l	92
17) Carbon Disulfide	4.180	76	111548	26.281	ug/l	97
18) Methyl Acetate	4.466	43	39215	23.906	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	130696	20.869	ug/l	94
20) Methylene Chloride	4.698	84	83195	21.369	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	50087	22.157	ug/l	83
22) Diisopropyl ether	6.112	45	151314	21.166	ug/l #	91
23) Vinyl Acetate	6.051	43	438299	103.785	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	90928	21.192	ug/l	99
25) 2-Butanone	6.978	43	88739	102.246	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	84156	20.397	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	60245	21.392	ug/l	88
28) Bromochloromethane	7.325	49	22433	15.105	ug/l #	80
29) Tetrahydrofuran	7.338	42	56911	106.763	ug/l #	82
30) Chloroform	7.502	83	97247	20.950	ug/l	99
31) Cyclohexane	7.777	56	79035	23.992	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	87680	21.223	ug/l	97
36) 1,1-Dichloropropene	7.911	75	71074	22.164	ug/l	98
37) Ethyl Acetate	7.069	43	41083	22.180	ug/l	95
38) Carbon Tetrachloride	7.892	117	80188	21.748	ug/l	97
39) Methylcyclohexane	9.179	83	85638	22.817	ug/l	88
40) Benzene	8.155	78	208607	21.821	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20530	21.731	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	63058	21.421	ug/l	93
43) Isopropyl Acetate	8.270	43	70037	20.628	ug/l #	90
44) Trichloroethene	8.935	130	60175	21.989	ug/l	100
45) 1,2-Dichloropropane	9.209	63	52953	21.412	ug/l	96
46) Dibromomethane	9.301	93	30777	21.192	ug/l	98
47) Bromodichloromethane	9.490	83	74488	20.772	ug/l	100
48) Methyl methacrylate	9.289	41	31067	20.728	ug/l #	82
49) 1,4-Dioxane	9.295	88	9611	450.034	ug/l #	78
51) 4-Methyl-2-Pentanone	10.063	43	198536	103.573	ug/l	89
52) Toluene	10.240	92	134291	21.469	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	75579	20.844	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	84788	20.974	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	45442	21.272	ug/l	98
56) Ethyl methacrylate	10.508	69	56223	20.316	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	74347	21.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	118943	90.179	ug/l	93
59) 2-Hexanone	10.831	43	135779	104.505	ug/l	86
60) Dibromochloromethane	10.977	129	53727	20.552	ug/l	98
61) 1,2-Dibromoethane	11.087	107	42533	21.268	ug/l	99
64) Tetrachloroethene	10.715	164	58170	21.463	ug/l	98
65) Chlorobenzene	11.514	112	147493	21.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	55483	20.300	ug/l	98
67) Ethyl Benzene	11.587	91	258621	20.993	ug/l	97
68) m/p-Xylenes	11.697	106	202007	42.328	ug/l	93
69) o-Xylene	12.026	106	95985	20.629	ug/l	93
70) Styrene	12.038	104	163524	20.688	ug/l	96
71) Bromoform	12.203	173	34507	20.332	ug/l #	100
73) Isopropylbenzene	12.325	105	259042	21.010	ug/l	100
74) N-amyl acetate	12.142	43	59406	19.869	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	52631	20.949	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	36506m	19.173	ug/l	
77) Bromobenzene	12.605	156	62473	21.296	ug/l	92
78) n-propylbenzene	12.666	91	309901	21.102	ug/l	98
79) 2-Chlorotoluene	12.751	91	175665	20.993	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	220455	21.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17532	20.473	ug/l	87
82) 4-Chlorotoluene	12.849	91	178049	20.606	ug/l	98
83) tert-Butylbenzene	13.068	119	195798	21.015	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	216514	20.920	ug/l	97
85) sec-Butylbenzene	13.251	105	285014	20.888	ug/l	99
86) p-Isopropyltoluene	13.367	119	238288	20.897	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	122349	20.548	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	122019	20.705	ug/l	98
89) n-Butylbenzene	13.690	91	219075	20.929	ug/l	99
90) Hexachloroethane	13.958	117	45941	20.984	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	109597	20.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8463	20.186	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	65320	20.188	ug/l	97
94) Hexachlorobutadiene	15.111	225	41020	20.858	ug/l	99
95) Naphthalene	15.233	128	135329	20.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57836	20.529	ug/l	99

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

