

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY080937.D
 Acq On : 09 Aug 2022 23:19
 Operator : KP/MD
 Sample : VY0809SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS02

Quant Time: Aug 10 01:33:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	60600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	105479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	107776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	23900	50.427	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.860%			
35) Dibromofluoromethane	7.710	113	27202	47.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.020%			
50) Toluene-d8	10.173	98	85525	49.202	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.400%			
62) 4-Bromofluorobenzene	12.477	95	42480	53.133	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9186	17.768	ug/l	98
3) Chloromethane	2.101	50	9785	15.221	ug/l	97
4) Vinyl Chloride	2.235	62	10136	15.155	ug/l	95
5) Bromomethane	2.631	94	7447	16.365	ug/l	91
6) Chloroethane	2.778	64	7356	18.192	ug/l	90
7) Trichlorofluoromethane	3.101	101	20748	19.121	ug/l	92
8) Diethyl Ether	3.515	74	7763	20.543	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	12332	19.820	ug/l	94
10) Methyl Iodide	4.076	142	12097	16.934	ug/l	98
11) Tert butyl alcohol	4.954	59	6018	87.595	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	10330	17.930	ug/l	98
13) Acrolein	3.723	56	1029	137.210	ug/l	94
14) Allyl chloride	4.460	41	18525	17.255	ug/l	99
15) Acrylonitrile	5.149	53	21650	106.957	ug/l	98
16) Acetone	3.936	43	15530	90.850	ug/l	99
17) Carbon Disulfide	4.174	76	26872	14.630	ug/l	97
18) Methyl Acetate	4.466	43	11956	21.755	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	32432	20.173	ug/l	99
20) Methylene Chloride	4.698	84	30307	34.521	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	12590	19.077	ug/l	96
22) Diisopropyl ether	6.106	45	46416	20.574	ug/l	94
23) Vinyl Acetate	6.051	43	134602	95.276	ug/l	99
24) 1,1-Dichloroethane	6.003	63	24352	19.973	ug/l	96
25) 2-Butanone	6.972	43	25938	92.141	ug/l	98
26) 2,2-Dichloropropane	6.960	77	15472	14.616	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	14284	19.071	ug/l	98
28) Bromochloromethane	7.313	49	8483	19.972	ug/l	92
29) Tetrahydrofuran	7.338	42	17685	96.245	ug/l	98
30) Chloroform	7.496	83	25365	20.695	ug/l	96
31) Cyclohexane	7.777	56	19057	16.199	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	20449	19.777	ug/l	97
36) 1,1-Dichloropropene	7.911	75	16932	17.525	ug/l	99
37) Ethyl Acetate	7.063	43	12051	18.799	ug/l	99
38) Carbon Tetrachloride	7.886	117	17763	18.524	ug/l	94
39) Methylcyclohexane	9.179	83	18123	15.908	ug/l	92
40) Benzene	8.149	78	55225	19.069	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5734m	16.377	ug/l	
42) 1,2-Dichloroethane	8.228	62	15392	19.155	ug/l	100
43) Isopropyl Acetate	8.264	43	21388	18.743	ug/l	99
44) Trichloroethene	8.935	130	14055	18.733	ug/l	95
45) 1,2-Dichloropropane	9.209	63	14945	19.891	ug/l	95
46) Dibromomethane	9.301	93	8308	19.780	ug/l	95
47) Bromodichloromethane	9.490	83	19904	20.652	ug/l	98
48) Methyl methacrylate	9.289	41	9258	18.239	ug/l	98
49) 1,4-Dioxane	9.295	88	1929	400.115	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	60541	95.996	ug/l	99
52) Toluene	10.240	92	34909	19.475	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	18560	18.367	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	20968	18.187	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	12817	21.140	ug/l	99
56) Ethyl methacrylate	10.508	69	14846	18.939	ug/l	94
57) 1,3-Dichloropropane	10.782	76	20586	20.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	40888	112.748	ug/l	98
59) 2-Hexanone	10.831	43	42510	98.751	ug/l	95
60) Dibromochloromethane	10.977	129	14537	20.826	ug/l	99
61) 1,2-Dibromoethane	11.087	107	11585	20.097	ug/l	98
64) Tetrachloroethene	10.715	164	13285	16.828	ug/l	98
65) Chlorobenzene	11.514	112	42404	19.817	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	16043	20.742	ug/l	97
67) Ethyl Benzene	11.587	91	69726	18.815	ug/l	97
68) m/p-Xylenes	11.697	106	53078	37.435	ug/l	94
69) o-Xylene	12.026	106	24543	18.440	ug/l	94
70) Styrene	12.038	104	43960	19.258	ug/l	99
71) Bromoform	12.203	173	9686	20.275	ug/l #	98
73) Isopropylbenzene	12.325	105	64657	19.466	ug/l	99
74) N-amyl acetate	12.142	43	20531	19.050	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	17180	22.560	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	12804m	23.513	ug/l	
77) Bromobenzene	12.605	156	16718	20.843	ug/l	92
78) n-propylbenzene	12.666	91	83674	19.831	ug/l	97
79) 2-Chlorotoluene	12.751	91	47389	20.067	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	54929	19.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	4900	18.192	ug/l	98
82) 4-Chlorotoluene	12.849	91	48277	19.391	ug/l	99
83) tert-Butylbenzene	13.075	119	46165	19.202	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	53738	19.560	ug/l	98
85) sec-Butylbenzene	13.251	105	69608	18.857	ug/l	98
86) p-Isopropyltoluene	13.367	119	58079	19.435	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	32290	20.128	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	32595	19.974	ug/l	98
89) n-Butylbenzene	13.696	91	56174	19.244	ug/l	96
90) Hexachloroethane	13.959	117	12240	19.658	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	30195	20.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2449	20.106	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	15698	18.940	ug/l	98
94) Hexachlorobutadiene	15.111	225	9195	19.533	ug/l	99
95) Naphthalene	15.233	128	33878	19.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	14601	19.801	ug/l	99

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ALS Vial : 34 Sample Multiplier: 1

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

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