

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY080936.D
 Acq On : 09 Aug 2022 22:56
 Operator : KP/MD
 Sample : VY0809SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS02

Quant Time: Aug 10 01:32:43 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	7.777	168	63620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	100854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	96070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26512	53.651	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.300%			
35) Dibromofluoromethane	7.710	113	30038	54.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.740%			
50) Toluene-d8	10.173	98	83141	50.154	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.300%			
62) 4-Bromofluorobenzene	12.477	95	41035	53.680	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	8490	15.643	ug/l	98
3) Chloromethane	2.101	50	9569	14.178	ug/l	99
4) Vinyl Chloride	2.235	62	10159	14.468	ug/l	98
5) Bromomethane	2.625	94	7431	15.554	ug/l	92
6) Chloroethane	2.778	64	6548	15.425	ug/l	92
7) Trichlorofluoromethane	3.101	101	20138	17.678	ug/l	98
8) Diethyl Ether	3.515	74	7532	18.986	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	11901	18.219	ug/l	97
10) Methyl Iodide	4.070	142	11017	14.690	ug/l	99
11) Tert butyl alcohol	4.948	59	6076	84.241	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	10491	17.345	ug/l	94
13) Acrolein	3.722	56	1002	127.267	ug/l	100
14) Allyl chloride	4.460	41	18278	16.217	ug/l	96
15) Acrylonitrile	5.149	53	21000	98.821	ug/l	99
16) Acetone	3.936	43	15274	85.110	ug/l	90
17) Carbon Disulfide	4.174	76	26296	13.637	ug/l	98
18) Methyl Acetate	4.460	43	11690	20.070	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	32032	18.978	ug/l	98
20) Methylene Chloride	4.698	84	27429	28.300	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	11956	17.256	ug/l	96
22) Diisopropyl ether	6.106	45	44754	18.895	ug/l	98
23) Vinyl Acetate	6.045	43	131034	88.347	ug/l	98
24) 1,1-Dichloroethane	6.003	63	23967	18.724	ug/l	98
25) 2-Butanone	6.978	43	25651	86.796	ug/l	99
26) 2,2-Dichloropropane	6.966	77	14829	13.344	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	14671	18.658	ug/l	95
28) Bromochloromethane	7.325	49	8195	18.378	ug/l	94
29) Tetrahydrofuran	7.338	42	17253	89.437	ug/l	98
30) Chloroform	7.496	83	26855	20.871	ug/l	99
31) Cyclohexane	7.771	56	19915	16.125	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	21811	20.093	ug/l	99
36) 1,1-Dichloropropene	7.905	75	17813	19.282	ug/l	98
37) Ethyl Acetate	7.063	43	11476	18.723	ug/l	98
38) Carbon Tetrachloride	7.892	117	19487	21.254	ug/l	92
39) Methylcyclohexane	9.179	83	18169	16.680	ug/l	93
40) Benzene	8.149	78	57162	20.643	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5539m	16.545	ug/l	
42) 1,2-Dichloroethane	8.228	62	16750	21.801	ug/l	99
43) Isopropyl Acetate	8.264	43	22300	20.438	ug/l	96
44) Trichloroethene	8.929	130	14465	20.164	ug/l	94
45) 1,2-Dichloropropane	9.209	63	15379	21.407	ug/l	94
46) Dibromomethane	9.301	93	8526	21.230	ug/l	95
47) Bromodichloromethane	9.490	83	19273	20.914	ug/l	98
48) Methyl methacrylate	9.289	41	9327	19.217	ug/l	95
49) 1,4-Dioxane	9.295	88	1932	419.114	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	59002	97.846	ug/l	99
52) Toluene	10.240	92	34296	20.011	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	17958	18.586	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	20999	19.049	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	12448	21.473	ug/l	98
56) Ethyl methacrylate	10.508	69	14650	19.546	ug/l	98
57) 1,3-Dichloropropane	10.782	76	20373	20.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	39807	114.801	ug/l	97
59) 2-Hexanone	10.831	43	40506	98.411	ug/l	98
60) Dibromochloromethane	10.977	129	14339	21.485	ug/l	98
61) 1,2-Dibromoethane	11.081	107	11179	20.282	ug/l	96
64) Tetrachloroethene	10.715	164	12403	17.626	ug/l	95
65) Chlorobenzene	11.514	112	37507	19.664	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	13941	20.220	ug/l	96
67) Ethyl Benzene	11.587	91	62257	18.846	ug/l	95
68) m/p-Xylenes	11.697	106	48951	38.731	ug/l	97
69) o-Xylene	12.026	106	23101	19.472	ug/l	100
70) Styrene	12.038	104	41720	20.504	ug/l	98
71) Bromoform	12.203	173	8743	20.531	ug/l #	99
73) Isopropylbenzene	12.325	105	60016	18.632	ug/l	100
74) N-amyl acetate	12.142	43	19395	18.557	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	15792	21.384	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	10573m	20.021	ug/l	
77) Bromobenzene	12.605	156	15446	19.857	ug/l	91
78) n-propylbenzene	12.666	91	79016	19.311	ug/l	97
79) 2-Chlorotoluene	12.751	91	45160	19.720	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	52411	19.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	4723	18.082	ug/l	93
82) 4-Chlorotoluene	12.849	91	47117	19.516	ug/l	98
83) tert-Butylbenzene	13.074	119	44819	19.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	52680	19.773	ug/l	99
85) sec-Butylbenzene	13.251	105	68441	19.119	ug/l	97
86) p-Isopropyltoluene	13.367	119	55879	19.282	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	31970	20.550	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	31776	20.079	ug/l	98
89) n-Butylbenzene	13.690	91	53491	18.896	ug/l	97
90) Hexachloroethane	13.958	117	12365	20.478	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	29369	20.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2457	20.801	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	15080	18.762	ug/l	99
94) Hexachlorobutadiene	15.111	225	8542	18.711	ug/l	95
95) Naphthalene	15.233	128	32836	19.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	13895	19.431	ug/l	95

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

