

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010208.D
 Acq On : 25 Aug 2022 16:46
 Operator : KP/MD
 Sample : VY0825SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS02

Quant Time: Aug 26 06:47:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	166935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	122832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78243	56.218	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.440%			
35) Dibromofluoromethane	7.710	113	86145	49.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.440%			
50) Toluene-d8	10.173	98	284011	46.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.477	95	59086	25.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 50.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20796	15.916	ug/l	96
3) Chloromethane	2.107	50	27672	19.643	ug/l	98
4) Vinyl Chloride	2.241	62	30776	20.025	ug/l	98
5) Bromomethane	2.631	94	24333	19.658	ug/l	98
6) Chloroethane	2.778	64	21521	19.673	ug/l	97
7) Trichlorofluoromethane	3.113	101	30382	17.942	ug/l	91
8) Diethyl Ether	3.515	74	20172	19.913	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	34480	19.815	ug/l	92
10) Methyl Iodide	4.076	142	32571	17.049	ug/l	90
11) Tert butyl alcohol	4.948	59	21582	113.475	ug/l	99
12) 1,1-Dichloroethene	3.857	96	28952	18.637	ug/l	86
13) Acrolein	3.717	56	7837	108.463	ug/l	96
14) Allyl chloride	4.466	41	52706	19.266	ug/l	91
15) Acrylonitrile	5.149	53	53920	98.632	ug/l	98
16) Acetone	3.942	43	48826	107.729	ug/l #	88
17) Carbon Disulfide	4.180	76	62448	15.788	ug/l	99
18) Methyl Acetate	4.460	43	29533	20.792	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	90211	19.663	ug/l	100
20) Methylene Chloride	4.698	84	59108	24.210	ug/l	91
21) trans-1,2-Dichloroethene	5.198	96	33096	18.400	ug/l	85
22) Diisopropyl ether	6.106	45	132029	21.644	ug/l	95
23) Vinyl Acetate	6.045	43	376138	105.052	ug/l	96
24) 1,1-Dichloroethane	6.009	63	68900	19.824	ug/l	99
25) 2-Butanone	6.978	43	77511	102.999	ug/l	96
26) 2,2-Dichloropropane	6.972	77	64042	19.970	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	42447	19.556	ug/l	92
28) Bromochloromethane	7.320	49	24073	20.618	ug/l	97
29) Tetrahydrofuran	7.338	42	47394	104.240	ug/l	97
30) Chloroform	7.496	83	71873	19.949	ug/l	99
31) Cyclohexane	7.777	56	53207	18.697	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	60037	19.844	ug/l	96
36) 1,1-Dichloropropene	7.905	75	48894	18.996	ug/l	98
37) Ethyl Acetate	7.064	43	33491	20.356	ug/l	98
38) Carbon Tetrachloride	7.887	117	52913	19.409	ug/l	99
39) Methylcyclohexane	9.179	83	51849	18.164	ug/l	94
40) Benzene	8.149	78	153142	19.439	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14920	18.174	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	43354	19.798	ug/l	91
43) Isopropyl Acetate	8.265	43	59411	20.751	ug/l	96
44) Trichloroethene	8.935	130	41051	18.881	ug/l	99
45) 1,2-Dichloropropane	9.209	63	42201	20.393	ug/l	98
46) Dibromomethane	9.301	93	22083	19.345	ug/l	96
47) Bromodichloromethane	9.490	83	56245	20.018	ug/l	100
48) Methyl methacrylate	9.289	41	24704	20.074	ug/l #	87
49) 1,4-Dioxane	9.295	88	5138	387.002	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	167637	106.891	ug/l	95
52) Toluene	10.240	92	97459	19.749	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	28448	10.219	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	63598	19.720	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	17388	10.039	ug/l	96
56) Ethyl methacrylate	10.508	69	18913	8.943	ug/l	85
57) 1,3-Dichloropropane	10.788	76	27397	9.748	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	100188	116.455	ug/l	99
59) 2-Hexanone	10.831	43	47268	44.532	ug/l	87
60) Dibromochloromethane	10.984	129	21310	10.436	ug/l	98
61) 1,2-Dibromoethane	11.087	107	14735	9.249	ug/l	98
64) Tetrachloroethene	10.715	164	22019	21.769	ug/l	99
65) Chlorobenzene	11.514	112	55600	20.771	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	23153	22.706	ug/l	96
67) Ethyl Benzene	11.593	91	97120	21.110	ug/l	98
68) m/p-Xylenes	11.703	106	76402	43.252	ug/l	90
69) o-Xylene	12.026	106	31058	18.422	ug/l	88
70) Styrene	12.044	104	53370	18.493	ug/l	94
71) Bromoform	12.203	173	12817	19.910	ug/l #	96
73) Isopropylbenzene	12.331	105	92644	9.734	ug/l	98
74) N-amyl acetate	12.142	43	22009	8.450	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	21479	10.262	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	17646m	11.612	ug/l	
77) Bromobenzene	12.605	156	24550	10.443	ug/l	93
78) n-propylbenzene	12.672	91	123263	10.410	ug/l	98
79) 2-Chlorotoluene	12.758	91	78775	11.819	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	154277	19.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	6438	9.008	ug/l #	84
82) 4-Chlorotoluene	12.855	91	143757	20.623	ug/l	98
83) tert-Butylbenzene	13.075	119	142312	20.474	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	165266	20.649	ug/l	97
85) sec-Butylbenzene	13.251	105	222729	21.048	ug/l	99
86) p-Isopropyltoluene	13.367	119	178481	20.680	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	97416	20.354	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	96809	20.058	ug/l	99
89) n-Butylbenzene	13.696	91	172174	20.793	ug/l	99
90) Hexachloroethane	13.959	117	37608	20.645	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	86203	20.145	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6372	22.220	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	49072	21.893	ug/l	98
94) Hexachlorobutadiene	15.111	225	30556	25.519	ug/l	99
95) Naphthalene	15.233	128	94006	21.309	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	43202	21.940	ug/l	99

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

