

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010201.D
 Acq On : 25 Aug 2022 12:38
 Operator : KP/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Quant Time: Aug 26 06:45:44 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	180097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77974	51.660	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.710	113	85457	91.558	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 183.120%#			
50) Toluene-d8	10.179	98	283149	87.417	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 174.840%#			
62) 4-Bromofluorobenzene	12.477	95	117376	94.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 189.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22803	16.249	ug/l	96
3) Chloromethane	2.107	50	26931	17.720	ug/l	99
4) Vinyl Chloride	2.241	62	29699	17.912	ug/l	98
5) Bromomethane	2.631	94	26001	19.471	ug/l	97
6) Chloroethane	2.777	64	22089	18.717	ug/l	97
7) Trichlorofluoromethane	3.101	101	34461	19.089	ug/l	93
8) Diethyl Ether	3.521	74	20976	19.193	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	36688	19.543	ug/l	93
10) Methyl Iodide	4.076	142	34081	16.535	ug/l	89
11) Tert butyl alcohol	4.942	59	20322	97.126	ug/l	96
12) 1,1-Dichloroethene	3.857	96	30407	18.143	ug/l	89
13) Acrolein	3.716	56	8999	115.443	ug/l	99
14) Allyl chloride	4.466	41	56249	19.058	ug/l	88
15) Acrylonitrile	5.149	53	60102	101.905	ug/l	98
16) Acetone	3.942	43	45657	93.375	ug/l #	89
17) Carbon Disulfide	4.186	76	67776	15.883	ug/l	98
18) Methyl Acetate	4.466	43	32248	21.068	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	98350	19.870	ug/l	98
20) Methylene Chloride	4.704	84	48329	16.371	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	35280	18.181	ug/l	87
22) Diisopropyl ether	6.112	45	139023	21.125	ug/l	94
23) Vinyl Acetate	6.051	43	404589	104.740	ug/l	97
24) 1,1-Dichloroethane	6.003	63	73703	19.656	ug/l	99
25) 2-Butanone	6.978	43	79826	98.323	ug/l	93
26) 2,2-Dichloropropane	6.972	77	61732	17.843	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	44433	18.975	ug/l	90
28) Bromochloromethane	7.325	49	25215	20.018	ug/l	95
29) Tetrahydrofuran	7.338	42	52153	106.324	ug/l	96
30) Chloroform	7.496	83	76566	19.699	ug/l	99
31) Cyclohexane	7.777	56	55592	18.108	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	63136	19.343	ug/l	96
36) 1,1-Dichloropropene	7.911	75	50974	37.133	ug/l	96
37) Ethyl Acetate	7.063	43	36434	41.523	ug/l	98
38) Carbon Tetrachloride	7.892	117	55271	38.014	ug/l	95
39) Methylcyclohexane	9.179	83	25183	16.542	ug/l	87
40) Benzene	8.155	78	160100	38.105	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18079m	41.293	ug/l	
42) 1,2-Dichloroethane	8.228	62	45931	39.330	ug/l	90
43) Isopropyl Acetate	8.270	43	63741	41.744	ug/l	93
44) Trichloroethene	8.935	130	21709	18.722	ug/l	100
45) 1,2-Dichloropropane	9.209	63	18748	16.988	ug/l	95
46) Dibromomethane	9.301	93	11820	19.415	ug/l	97
47) Bromodichloromethane	9.490	83	30861	20.595	ug/l	97
48) Methyl methacrylate	9.289	41	11047	16.832	ug/l #	83
49) 1,4-Dioxane	9.295	88	2610	368.616	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	181729	217.275	ug/l	93
52) Toluene	10.240	92	103391	39.285	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	59215	39.884	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	67565	39.282	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37112	40.178	ug/l	99
56) Ethyl methacrylate	10.508	69	46079	40.854	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	61445	40.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	69114	150.634	ug/l	93
59) 2-Hexanone	10.831	43	123101	217.460	ug/l	90
60) Dibromochloromethane	10.983	129	43007	39.491	ug/l	100
61) 1,2-Dibromoethane	11.087	107	34142	40.183	ug/l	99
64) Tetrachloroethene	10.715	164	42383	18.725	ug/l	97
65) Chlorobenzene	11.514	112	116438	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43571	19.095	ug/l	96
67) Ethyl Benzene	11.587	91	200574	19.482	ug/l	99
68) m/p-Xylenes	11.697	106	155128	39.243	ug/l	94
69) o-Xylene	12.026	106	73517	19.486	ug/l	92
70) Styrene	12.044	104	128790	19.942	ug/l	94
71) Bromoform	12.203	173	28321	19.660	ug/l #	99
73) Isopropylbenzene	12.331	105	199356	19.606	ug/l	99
74) N-amyl acetate	12.142	43	58618	21.066	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	46122	20.625	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	31552m	19.435	ug/l	
77) Bromobenzene	12.605	156	48326	19.241	ug/l	98
78) n-propylbenzene	12.672	91	253742	20.058	ug/l	100
79) 2-Chlorotoluene	12.751	91	142304	19.985	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	173693	20.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	15150	19.842	ug/l	88
82) 4-Chlorotoluene	12.855	91	147821	19.849	ug/l	98
83) tert-Butylbenzene	13.074	119	150044	20.206	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	172111	20.129	ug/l	98
85) sec-Butylbenzene	13.251	105	231612	20.486	ug/l	100
86) p-Isopropyltoluene	13.367	119	186984	20.279	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	100728	19.700	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	100660	19.521	ug/l	99
89) n-Butylbenzene	13.696	91	181161	20.478	ug/l	99
90) Hexachloroethane	13.958	117	39716	20.407	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	89748	19.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7165	23.217	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	52715	21.988	ug/l	98
94) Hexachlorobutadiene	15.111	225	32638	25.513	ug/l	99
95) Naphthalene	15.233	128	104867	21.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	47058	22.279	ug/l	99

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

