

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010344.D
 Acq On : 06 Sep 2022 13:26
 Operator : KP/MD
 Sample : VY0906SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0906SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/07/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 06 14:16:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	328430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	516426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	465698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	230547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	168911	50.156	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.710	113	160391	46.653	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.300%			
50) Toluene-d8	10.179	98	607918	52.815	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.640%			
62) 4-Bromofluorobenzene	12.477	95	214647	46.068	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55393	21.128	ug/l	98
3) Chloromethane	2.107	50	81248	22.696	ug/l	98
4) Vinyl Chloride	2.241	62	92311	23.668	ug/l	97
5) Bromomethane	2.631	94	58723	24.291	ug/l	98
6) Chloroethane	2.778	64	58675	24.593	ug/l	99
7) Trichlorofluoromethane	3.113	101	117085	21.416	ug/l	91
8) Diethyl Ether	3.521	74	39029	19.979	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	67797	20.079	ug/l	95
10) Methyl Iodide	4.076	142	82864	20.399	ug/l	90
11) Tert butyl alcohol	4.948	59	38058	94.462	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	64776	19.812	ug/l	82
13) Acrolein	3.723	56	41882	98.199	ug/l	98
14) Allyl chloride	4.466	41	100967	17.546	ug/l #	94
15) Acrylonitrile	5.149	53	97537	95.820	ug/l	99
16) Acetone	3.942	43	76311	90.644	ug/l #	86
17) Carbon Disulfide	4.180	76	193379	19.418	ug/l	100
18) Methyl Acetate	4.472	43	51517	19.718	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	185581	19.416	ug/l	99
20) Methylene Chloride	4.704	84	87993	21.659	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	73933	19.955	ug/l	87
22) Diisopropyl ether	6.112	45	212461	18.166	ug/l	94
23) Vinyl Acetate	6.051	43	683224	93.173	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	124544	18.486	ug/l	98
25) 2-Butanone	6.978	43	128447	92.967	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	113314	18.466	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	83129	19.633	ug/l	88
28) Bromochloromethane	7.326	49	32848	15.032	ug/l #	83
29) Tetrahydrofuran	7.338	42	84189	95.113	ug/l #	86
30) Chloroform	7.502	83	130142	19.615	ug/l	99
31) Cyclohexane	7.777	56	117823	17.935	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	119691	19.799	ug/l	96
36) 1,1-Dichloropropene	7.911	75	101355	20.093	ug/l	97
37) Ethyl Acetate	7.070	43	56426	19.511	ug/l #	93
38) Carbon Tetrachloride	7.893	117	109749	21.112	ug/l	100
39) Methylcyclohexane	9.179	83	128808	19.780	ug/l	89
40) Benzene	8.155	78	288119	19.944	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	28780m	17.652	ug/l	
42) 1,2-Dichloroethane	8.228	62	86521	20.656	ug/l	92
43) Isopropyl Acetate	8.271	43	106116	19.249	ug/l #	93
44) Trichloroethene	8.935	130	83562	21.070	ug/l	99
45) 1,2-Dichloropropane	9.216	63	70868	19.255	ug/l	98
46) Dibromomethane	9.301	93	42854	21.199	ug/l	97
47) Bromodichloromethane	9.490	83	100801	20.276	ug/l	98
48) Methyl methacrylate	9.289	41	48573	18.889	ug/l #	87
49) 1,4-Dioxane	9.295	88	11454	411.777	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	284894	100.167	ug/l	91
52) Toluene	10.240	92	184108	19.922	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	103885	19.374	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	117706	19.468	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	58812	20.494	ug/l	96
56) Ethyl methacrylate	10.508	69	82763	19.521	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	100468	20.086	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	170466	135.411	ug/l	93
59) 2-Hexanone	10.831	43	193778	98.252	ug/l	88
60) Dibromochloromethane	10.983	129	73273	21.190	ug/l	98
61) 1,2-Dibromoethane	11.087	107	58449	21.076	ug/l	99
64) Tetrachloroethene	10.715	164	80655	21.237	ug/l	97
65) Chlorobenzene	11.514	112	200571	20.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	74688	20.497	ug/l	98
67) Ethyl Benzene	11.593	91	356821	19.635	ug/l	97
68) m/p-Xylenes	11.697	106	280049	40.342	ug/l	93
69) o-Xylene	12.026	106	132720	19.691	ug/l	94
70) Styrene	12.044	104	223870	19.940	ug/l	96
71) Bromoform	12.203	173	48080	21.345	ug/l #	98
73) Isopropylbenzene	12.325	105	350257	19.042	ug/l	99
74) N-amyl acetate	12.142	43	92869	18.301	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	69807	19.748	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	50970m	18.578	ug/l	
77) Bromobenzene	12.605	156	83662	19.994	ug/l	94
78) n-propylbenzene	12.666	91	416956	18.884	ug/l	97
79) 2-Chlorotoluene	12.751	91	235807	18.895	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	297238	19.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	23538	17.897	ug/l	91
82) 4-Chlorotoluene	12.855	91	241828	18.819	ug/l	97
83) tert-Butylbenzene	13.075	119	261187	19.508	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	296156	19.569	ug/l	99
85) sec-Butylbenzene	13.251	105	379863	19.185	ug/l	99
86) p-Isopropyltoluene	13.367	119	320701	19.609	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	165082	20.319	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	164549	20.370	ug/l	98
89) n-Butylbenzene	13.696	91	293039	18.954	ug/l	98
90) Hexachloroethane	13.959	117	60001	19.113	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	149210	20.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12641	20.294	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	92549	20.649	ug/l	99
94) Hexachlorobutadiene	15.111	225	54652	20.804	ug/l	99
95) Naphthalene	15.233	128	194296	20.892	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	80917	21.316	ug/l	98

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

