

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009393.D
 Acq On : 30 Jun 2022 15:06
 Operator : KP/MD
 Sample : VY0630SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 03:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	134016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	200320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54125	50.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.710	113	59827	51.177	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.360%			
50) Toluene-d8	10.173	98	183672	51.244	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.477	95	92155	54.212	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24675	22.364	ug/l	99
3) Chloromethane	2.107	50	23956	19.955	ug/l	93
4) Vinyl Chloride	2.241	62	31279	22.523	ug/l	98
5) Bromomethane	2.619	94	21314	23.918	ug/l	89
6) Chloroethane	2.777	64	18173	24.543	ug/l	97
7) Trichlorofluoromethane	3.113	101	41311	22.422	ug/l	89
8) Diethyl Ether	3.515	74	15393	21.383	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	28125	21.295	ug/l	96
10) Methyl Iodide	4.076	142	30943	21.344	ug/l	92
11) Tert butyl alcohol	4.936	59	37482	208.743	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	25752	21.376	ug/l	82
13) Acrolein	3.716	56	11554	128.967	ug/l	99
14) Allyl chloride	4.466	41	46020	20.848	ug/l	93
15) Acrylonitrile	5.149	53	49288	120.859	ug/l	98
16) Acetone	3.936	43	39566	112.235	ug/l	94
17) Carbon Disulfide	4.186	76	64953	19.382	ug/l	100
18) Methyl Acetate	4.466	43	25933	26.266	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	79460	21.993	ug/l	94
20) Methylene Chloride	4.704	84	35451	17.325	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	30209	20.945	ug/l	87
22) Diisopropyl ether	6.112	45	104759	22.487	ug/l	91
23) Vinyl Acetate	6.051	43	341256	116.937	ug/l	96
24) 1,1-Dichloroethane	6.009	63	54562	20.832	ug/l	98
25) 2-Butanone	6.978	43	69366	124.113	ug/l	93
26) 2,2-Dichloropropane	6.972	77	51288	20.689	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	35057	20.922	ug/l	91
28) Bromochloromethane	7.325	49	22621	20.114	ug/l #	94
29) Tetrahydrofuran	7.344	42	44834	125.124	ug/l	95
30) Chloroform	7.496	83	56593	21.023	ug/l	98
31) Cyclohexane	7.777	56	48642	20.147	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	49856	20.681	ug/l	97
36) 1,1-Dichloropropene	7.911	75	42022	20.558	ug/l	95
37) Ethyl Acetate	7.069	43	29982	24.734	ug/l	97
38) Carbon Tetrachloride	7.892	117	46564	21.795	ug/l	92
39) Methylcyclohexane	9.179	83	49937	20.642	ug/l	92
40) Benzene	8.155	78	125086	20.926	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12933	18.885	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	38676	22.556	ug/l	93
43) Isopropyl Acetate	8.264	43	53861	24.201	ug/l	96
44) Trichloroethene	8.929	130	35440	21.338	ug/l	94
45) 1,2-Dichloropropane	9.215	63	32914	21.738	ug/l	100
46) Dibromomethane	9.301	93	18964	21.862	ug/l	97
47) Bromodichloromethane	9.490	83	44313	21.572	ug/l	98
48) Methyl methacrylate	9.289	41	24495	25.531	ug/l	94
49) 1,4-Dioxane	9.295	88	5615	464.376	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	151405	131.946	ug/l	96
52) Toluene	10.240	92	84827	22.492	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	46645	22.700	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	52277	21.307	ug/l	90
55) 1,1,2-Trichloroethane	10.636	97	27883	24.161	ug/l	97
56) Ethyl methacrylate	10.508	69	37625	25.542	ug/l #	88
57) 1,3-Dichloropropane	10.782	76	47632	23.298	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	91706	112.440	ug/l	98
59) 2-Hexanone	10.825	43	105360	132.919	ug/l	95
60) Dibromochloromethane	10.977	129	33641	23.034	ug/l	97
61) 1,2-Dibromoethane	11.087	107	27156	23.438	ug/l	99
64) Tetrachloroethene	10.715	164	39359	21.105	ug/l	94
65) Chlorobenzene	11.514	112	90394	21.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	34224	21.768	ug/l	95
67) Ethyl Benzene	11.587	91	158593	21.329	ug/l	98
68) m/p-Xylenes	11.697	106	127813	42.988	ug/l	91
69) o-Xylene	12.026	106	60365	21.514	ug/l	90
70) Styrene	12.038	104	102246	21.993	ug/l	95
71) Bromoform	12.203	173	21705	21.971	ug/l #	98
73) Isopropylbenzene	12.325	105	159025	20.198	ug/l	98
74) N-amyl acetate	12.142	43	49233	23.839	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	33417	21.911	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	24243m	19.421	ug/l	
77) Bromobenzene	12.605	156	39229	20.901	ug/l	95
78) n-propylbenzene	12.666	91	198638	20.740	ug/l	99
79) 2-Chlorotoluene	12.751	91	110538	20.447	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	135910	20.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12638	22.541	ug/l	86
82) 4-Chlorotoluene	12.849	91	118323	21.062	ug/l	98
83) tert-Butylbenzene	13.068	119	121195	21.909	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	135726	21.693	ug/l	98
85) sec-Butylbenzene	13.251	105	181412	21.773	ug/l	98
86) p-Isopropyltoluene	13.367	119	151222	21.584	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	77917	21.013	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	81344	21.319	ug/l	97
89) n-Butylbenzene	13.690	91	143202	21.753	ug/l	98
90) Hexachloroethane	13.958	117	28606	20.593	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	73289	21.792	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5914	23.137	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	41952	21.015	ug/l	99
94) Hexachlorobutadiene	15.111	225	23709	21.156	ug/l	97
95) Naphthalene	15.233	128	87965	22.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36298	20.929	ug/l	98

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

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