

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009318.D
 Acq On : 25 Jun 2022 12:50
 Operator : KP/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Quant Time: Jun 27 10:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	178246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64457	47.811	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.620%		
35) Dibromofluoromethane	7.710	113	72936	46.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.020%		
50) Toluene-d8	10.173	98	231390	49.946	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.477	95	114587	50.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32688	22.217	ug/l	99
3) Chloromethane	2.107	50	37380	21.623	ug/l	94
4) Vinyl Chloride	2.241	62	41386	22.257	ug/l	93
5) Bromomethane	2.625	94	24962	20.826	ug/l	91
6) Chloroethane	2.778	64	20447	21.720	ug/l	96
7) Trichlorofluoromethane	3.119	101	51795	21.891	ug/l	99
8) Diethyl Ether	3.521	74	20635	22.459	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	36421	21.532	ug/l	99
10) Methyl Iodide	4.076	142	42466	18.907	ug/l	99
11) Tert butyl alcohol	4.924	59	34511m	111.741	ug/l	
12) 1,1-Dichloroethene	3.863	96	35119	21.123	ug/l	99
13) Acrolein	3.723	56	15658	94.891	ug/l	98
14) Allyl chloride	4.472	41	62964	21.574	ug/l	98
15) Acrylonitrile	5.149	53	52583	103.905	ug/l	99
16) Acetone	3.936	43	46422	101.870	ug/l	97
17) Carbon Disulfide	4.180	76	112285	20.744	ug/l	97
18) Methyl Acetate	4.466	43	26448	20.846	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	97365	20.846	ug/l	97
20) Methylene Chloride	4.704	84	42628	19.676	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	41517	21.166	ug/l	96
22) Diisopropyl ether	6.106	45	131376	22.723	ug/l	97
23) Vinyl Acetate	6.051	43	408943	109.908	ug/l	99
24) 1,1-Dichloroethane	6.009	63	72316	21.683	ug/l	94
25) 2-Butanone	6.984	43	70816	103.339	ug/l	96
26) 2,2-Dichloropropane	6.972	77	64877	20.973	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	45808	21.307	ug/l	100
28) Bromochloromethane	7.326	49	29368	20.585	ug/l	96
29) Tetrahydrofuran	7.338	42	47074	107.034	ug/l	95
30) Chloroform	7.496	83	71767	21.329	ug/l	99
31) Cyclohexane	7.777	56	69111	21.442	ug/l #	88
32) 1,1,1-Trichloroethane	7.691	97	63750	21.456	ug/l	98
36) 1,1-Dichloropropene	7.911	75	56859	21.370	ug/l	98
37) Ethyl Acetate	7.069	43	32968	21.817	ug/l	97
38) Carbon Tetrachloride	7.893	117	57585	21.048	ug/l	98
39) Methylcyclohexane	9.173	83	71467	21.557	ug/l	95
40) Benzene	8.155	78	167584	21.403	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16409m	20.169	ug/l	
42) 1,2-Dichloroethane	8.234	62	46652	21.163	ug/l	99
43) Isopropyl Acetate	8.264	43	57440	20.575	ug/l	98
44) Trichloroethene	8.935	130	46014	21.016	ug/l	96
45) 1,2-Dichloropropane	9.209	63	42806	22.273	ug/l	98
46) Dibromomethane	9.295	93	22879	20.532	ug/l	97
47) Bromodichloromethane	9.490	83	54725	21.119	ug/l	98
48) Methyl methacrylate	9.289	41	25451	20.513	ug/l	98
49) 1,4-Dioxane	9.289	88	6425	424.065	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	154182	109.311	ug/l	99
52) Toluene	10.240	92	108432	22.352	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	58325	21.266	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	67183	21.500	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	32011	20.866	ug/l	97
56) Ethyl methacrylate	10.508	69	43224	21.315	ug/l	97
57) 1,3-Dichloropropane	10.788	76	55888	21.447	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	108042	103.025	ug/l	99
59) 2-Hexanone	10.831	43	104520	106.534	ug/l	100
60) Dibromochloromethane	10.983	129	39172	21.077	ug/l	98
61) 1,2-Dibromoethane	11.081	107	31503	20.951	ug/l	98
64) Tetrachloroethene	10.715	164	50572	21.457	ug/l	97
65) Chlorobenzene	11.514	112	115978	21.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41043	21.305	ug/l	95
67) Ethyl Benzene	11.587	91	208306	21.944	ug/l	97
68) m/p-Xylenes	11.697	106	162211	43.495	ug/l	98
69) o-Xylene	12.026	106	77101	22.031	ug/l	98
70) Styrene	12.038	104	127825	22.003	ug/l	99
71) Bromoform	12.203	173	24216	20.365	ug/l #	98
73) Isopropylbenzene	12.325	105	200773	22.462	ug/l	99
74) N-amyl acetate	12.142	43	50913	21.205	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	36656	21.758	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	25036m	19.901	ug/l	
77) Bromobenzene	12.605	156	47214	21.580	ug/l	97
78) n-propylbenzene	12.666	91	246021	22.319	ug/l	99
79) 2-Chlorotoluene	12.751	91	136605	22.306	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	168850	22.427	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	13153	20.696	ug/l	99
82) 4-Chlorotoluene	12.849	91	143076	22.421	ug/l	99
83) tert-Butylbenzene	13.075	119	148913	22.618	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	166884	22.482	ug/l	99
85) sec-Butylbenzene	13.251	105	217475	22.269	ug/l	98
86) p-Isopropyltoluene	13.367	119	180032	22.284	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	92956	22.054	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91389	21.490	ug/l	97
89) n-Butylbenzene	13.696	91	170747	22.534	ug/l	98
90) Hexachloroethane	13.959	117	34679	22.682	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	82237	21.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6241	21.439	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	45983	20.204	ug/l	98
94) Hexachlorobutadiene	15.111	225	27177	21.617	ug/l	97
95) Naphthalene	15.233	128	88610	19.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37611	19.075	ug/l	99

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

