

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009566.D
 Acq On : 14 Jul 2022 16:06
 Operator : KP/MD
 Sample : VY0714SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS02

Quant Time: Jul 15 01:21:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	151005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	222336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	82983	82.184	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 164.360%#			
35) Dibromofluoromethane	7.710	113	74324	59.196	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.400%			
50) Toluene-d8	10.173	98	302657	95.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 190.540%#			
62) 4-Bromofluorobenzene	12.477	95	106466	60.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 120.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	108384	93.595	ug/l	98
3) Chloromethane	2.107	50	18636	14.411	ug/l	93
4) Vinyl Chloride	2.241	62	24217	16.448	ug/l	99
5) Bromomethane	2.619	94	20016	18.923	ug/l	93
6) Chloroethane	2.778	64	16634	19.351	ug/l	99
7) Trichlorofluoromethane	3.107	101	36932	18.788	ug/l	91
8) Diethyl Ether	3.521	74	13671	18.178	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.881	101	23578	17.703	ug/l	94
10) Methyl Iodide	4.076	142	24675	16.802	ug/l	91
11) Tert butyl alcohol	4.948	59	16295	66.407	ug/l	97
12) 1,1-Dichloroethene	3.863	96	20461	16.563	ug/l #	80
13) Acrolein	3.723	56	3895	58.899	ug/l	90
14) Allyl chloride	4.466	41	33811	15.908	ug/l #	90
15) Acrylonitrile	5.143	53	38156	92.206	ug/l	98
16) Acetone	3.936	43	31907	86.859	ug/l	98
17) Carbon Disulfide	4.180	76	43447	14.069	ug/l	100
18) Methyl Acetate	4.466	43	21539	19.970	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	70454	18.844	ug/l	100
20) Methylene Chloride	4.698	84	35263	17.171	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	22908	15.827	ug/l	90
22) Diisopropyl ether	6.112	45	87176	19.293	ug/l	93
23) Vinyl Acetate	6.045	43	263476	83.099	ug/l	97
24) 1,1-Dichloroethane	6.003	63	45281	17.770	ug/l	97
25) 2-Butanone	6.978	43	54419	91.577	ug/l	93
26) 2,2-Dichloropropane	6.972	77	46102	18.357	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	29090	17.071	ug/l	96
28) Bromochloromethane	7.326	49	18728	17.487	ug/l #	85
29) Tetrahydrofuran	7.344	42	33672	87.607	ug/l	92
30) Chloroform	7.490	83	49344	17.694	ug/l	98
31) Cyclohexane	7.771	56	35878	14.482	ug/l	93
32) 1,1,1-Trichloroethane	7.685	97	44388	18.053	ug/l	97
36) 1,1-Dichloropropene	7.911	75	33493	16.385	ug/l	96
37) Ethyl Acetate	7.070	43	23933	18.679	ug/l	96
38) Carbon Tetrachloride	7.886	117	40394	18.477	ug/l	96
39) Methylcyclohexane	9.173	83	37218	15.168	ug/l	94
40) Benzene	8.149	78	102341	17.050	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	11096	16.677	ug/l #	46
42) 1,2-Dichloroethane	8.228	62	33638	18.666	ug/l	95
43) Isopropyl Acetate	8.264	43	44825	18.750	ug/l	95
44) Trichloroethene	8.929	130	29548	17.426	ug/l	99
45) 1,2-Dichloropropane	9.209	63	27064	17.816	ug/l	98
46) Dibromomethane	9.301	93	15778	17.697	ug/l	97
47) Bromodichloromethane	9.490	83	40247	18.966	ug/l	96
48) Methyl methacrylate	9.289	41	18775	18.227	ug/l	88
49) 1,4-Dioxane	9.289	88	4953	377.235	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	122578	97.496	ug/l	97
52) Toluene	10.240	92	70982	18.558	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	42126	18.838	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	43540	17.461	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	23735	18.454	ug/l	93
56) Ethyl methacrylate	10.508	69	30681	17.967	ug/l	92
57) 1,3-Dichloropropane	10.782	76	39786	18.764	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	73881	88.567	ug/l	96
59) 2-Hexanone	10.825	43	86296	99.054	ug/l	97
60) Dibromochloromethane	10.977	129	29607	19.009	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22408	18.173	ug/l	100
64) Tetrachloroethene	10.715	164	28901	15.547	ug/l	98
65) Chlorobenzene	11.514	112	78815	18.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	30802	18.752	ug/l	98
67) Ethyl Benzene	11.587	91	138148	18.122	ug/l	98
68) m/p-Xylenes	11.697	106	107952	36.309	ug/l	92
69) o-Xylene	12.026	106	51151	17.949	ug/l	93
70) Styrene	12.038	104	90457	19.004	ug/l	94
71) Bromoform	12.203	173	19535	18.660	ug/l #	99
73) Isopropylbenzene	12.325	105	138836	17.280	ug/l	99
74) N-amyl acetate	12.142	43	41693	18.238	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	29819	18.536	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	20771m	16.702	ug/l	
77) Bromobenzene	12.605	156	34313	17.543	ug/l	95
78) n-propylbenzene	12.666	91	169922	17.505	ug/l	97
79) 2-Chlorotoluene	12.751	91	95194	17.517	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	118109	17.587	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	10093	16.610	ug/l	91
82) 4-Chlorotoluene	12.849	91	103097	18.102	ug/l	97
83) tert-Butylbenzene	13.075	119	107655	18.018	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	119925	17.941	ug/l	97
85) sec-Butylbenzene	13.251	105	158187	17.977	ug/l	98
86) p-Isopropyltoluene	13.367	119	133703	18.228	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	70151	18.169	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	69359	17.749	ug/l	99
89) n-Butylbenzene	13.696	91	125216	18.281	ug/l	98
90) Hexachloroethane	13.959	117	25898	17.995	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	64503	18.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5062	17.952	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	38304	17.754	ug/l	98
94) Hexachlorobutadiene	15.111	225	22523	18.988	ug/l	98
95) Naphthalene	15.233	128	77564	17.388	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	33513	17.934	ug/l	96

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

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