

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006390.D
 Acq On : 14 Oct 2021 12:10
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Quant Time: Oct 15 00:13:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	141513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78511	51.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.722	113	57921	51.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.185	98	241763	51.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.483	95	84490	52.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29535	20.576	ug/l	97
3) Chloromethane	2.119	50	35593	21.289	ug/l	100
4) Vinyl Chloride	2.259	62	40668	21.948	ug/l	97
5) Bromomethane	2.650	94	29241	24.282	ug/l	95
6) Chloroethane	2.796	64	24486	22.459	ug/l	99
7) Trichlorofluoromethane	3.131	101	52930	21.687	ug/l	94
8) Diethyl Ether	3.534	74	16497	20.464	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	27280	20.938	ug/l	98
10) Methyl Iodide	4.094	142	23681	16.678	ug/l	96
11) Tert butyl alcohol	4.966	59	12878	97.200	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	26480	19.979	ug/l	100
13) Acrolein	3.735	56	4524	63.097	ug/l	97
14) Allyl chloride	4.485	41	51728	20.295	ug/l	98
15) Acrylonitrile	5.174	53	43801	103.304	ug/l	99
16) Acetone	3.948	43	43161	102.028	ug/l	98
17) Carbon Disulfide	4.204	76	88476	19.960	ug/l	97
18) Methyl Acetate	4.485	43	28720	20.134	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	78559	20.296	ug/l	98
20) Methylene Chloride	4.722	84	35618	22.355	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	30370	20.668	ug/l	98
22) Diisopropyl ether	6.125	45	105398	20.902	ug/l	96
23) Vinyl Acetate	6.064	43	300142	99.303	ug/l	99
24) 1,1-Dichloroethane	6.027	63	56361	20.820	ug/l	99
25) 2-Butanone	6.990	43	58216	98.793	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	53433	21.584	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	33629	20.434	ug/l	98
28) Bromochloromethane	7.338	49	25148	22.311	ug/l	95
29) Tetrahydrofuran	7.350	42	37050	99.540	ug/l	97
30) Chloroform	7.508	83	58424	21.635	ug/l	100
31) Cyclohexane	7.789	56	54962	19.154	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	54247	21.756	ug/l	98
36) 1,1-Dichloropropene	7.923	75	44307	21.076	ug/l	99
37) Ethyl Acetate	7.076	43	25782	21.053	ug/l	98
38) Carbon Tetrachloride	7.905	117	50328	22.672	ug/l	100
39) Methylcyclohexane	9.185	83	54380	20.594	ug/l	96
40) Benzene	8.161	78	128459	21.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	16599m	20.895	ug/l	
42) 1,2-Dichloroethane	8.240	62	43195	22.478	ug/l	97
43) Isopropyl Acetate	8.277	43	47635	20.280	ug/l	95
44) Trichloroethene	8.941	130	33768	21.922	ug/l	99
45) 1,2-Dichloropropane	9.222	63	30982	21.101	ug/l	95
46) Dibromomethane	9.307	93	16666	21.317	ug/l	96
47) Bromodichloromethane	9.496	83	44215	21.964	ug/l	96
48) Methyl methacrylate	9.295	41	22400	19.879	ug/l	96
49) 1,4-Dioxane	9.295	88	3922	384.493	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	126871	104.026	ug/l	97
52) Toluene	10.246	92	80095	21.651	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	46382	21.132	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	51491	21.340	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	23686	21.531	ug/l	94
56) Ethyl methacrylate	10.514	69	33799	20.213	ug/l	95
57) 1,3-Dichloropropane	10.794	76	41797	20.997	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	86355	105.402	ug/l	98
59) 2-Hexanone	10.837	43	92363	106.331	ug/l	99
60) Dibromochloromethane	10.983	129	29504	22.075	ug/l	98
61) 1,2-Dibromoethane	11.093	107	21564	20.702	ug/l	98
64) Tetrachloroethene	10.721	164	38468	24.252	ug/l	97
65) Chlorobenzene	11.520	112	84075	21.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	31039	21.584	ug/l	98
67) Ethyl Benzene	11.593	91	155470	21.136	ug/l	100
68) m/p-Xylenes	11.703	106	119845	42.935	ug/l	97
69) o-Xylene	12.032	106	56205	21.320	ug/l	96
70) Styrene	12.044	104	96221	21.492	ug/l	99
71) Bromoform	12.209	173	19245	21.519	ug/l #	98
73) Isopropylbenzene	12.331	105	151344	19.993	ug/l	100
74) N-amyl acetate	12.142	43	44657	19.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	25349	18.541	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	19089m	18.584	ug/l	
77) Bromobenzene	12.611	156	35694	20.111	ug/l	96
78) n-propylbenzene	12.672	91	189139	20.298	ug/l	100
79) 2-Chlorotoluene	12.758	91	102914	19.959	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	129781	20.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10060	19.247	ug/l	98
82) 4-Chlorotoluene	12.855	91	108627	20.369	ug/l	99
83) tert-Butylbenzene	13.075	119	113526	20.978	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	126572	20.250	ug/l	100
85) sec-Butylbenzene	13.251	105	167084	20.430	ug/l	99
86) p-Isopropyltoluene	13.373	119	143110	20.737	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	73264	20.834	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	72773	20.988	ug/l	100
89) n-Butylbenzene	13.696	91	134201	20.465	ug/l	99
90) Hexachloroethane	13.959	117	25939	20.697	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	64726	21.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4962	19.051	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	41899	20.620	ug/l	99
94) Hexachlorobutadiene	15.111	225	27931	21.071	ug/l	99
95) Naphthalene	15.239	128	75682	18.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36122	20.057	ug/l	98

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

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