

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006391.D
 Acq On : 14 Oct 2021 12:32
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Quant Time: Oct 15 00:13:41 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	147227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71319	45.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.520%
35) Dibromofluoromethane	7.722	113	55006	46.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.179	98	224346	45.794	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.483	95	77387	46.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31811	21.301	ug/l	99
3) Chloromethane	2.119	50	36688	21.092	ug/l	94
4) Vinyl Chloride	2.253	62	42527	22.060	ug/l	97
5) Bromomethane	2.650	94	29170	23.283	ug/l	99
6) Chloroethane	2.796	64	25254	22.264	ug/l	94
7) Trichlorofluoromethane	3.131	101	55900	22.015	ug/l	94
8) Diethyl Ether	3.534	74	17603	20.989	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	28419	20.965	ug/l	99
10) Methyl Iodide	4.094	142	25967	17.578	ug/l	96
11) Tert butyl alcohol	4.960	59	14130	102.511	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	28134	20.403	ug/l	99
13) Acrolein	3.735	56	4423	60.408	ug/l	97
14) Allyl chloride	4.485	41	54388	20.510	ug/l	97
15) Acrylonitrile	5.167	53	45987	104.250	ug/l	99
16) Acetone	3.948	43	45364	103.074	ug/l	99
17) Carbon Disulfide	4.198	76	91567	19.855	ug/l	99
18) Methyl Acetate	4.485	43	31383	21.147	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	81996	20.362	ug/l	98
20) Methylene Chloride	4.729	84	36001	21.603	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	31321	20.488	ug/l	93
22) Diisopropyl ether	6.125	45	109674	20.906	ug/l	97
23) Vinyl Acetate	6.064	43	317769	101.055	ug/l	99
24) 1,1-Dichloroethane	6.027	63	58667	20.831	ug/l	97
25) 2-Butanone	6.990	43	62183	101.430	ug/l	95
26) 2,2-Dichloropropane	6.990	77	55234	21.446	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	35317	20.627	ug/l	97
28) Bromochloromethane	7.338	49	24930	21.259	ug/l	93
29) Tetrahydrofuran	7.356	42	39519	102.052	ug/l	97
30) Chloroform	7.515	83	59785	21.280	ug/l	98
31) Cyclohexane	7.789	56	58689	19.659	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	57085	22.005	ug/l	98
36) 1,1-Dichloropropene	7.923	75	46227	21.206	ug/l	98
37) Ethyl Acetate	7.082	43	26672	21.003	ug/l	98
38) Carbon Tetrachloride	7.905	117	51154	22.223	ug/l	98
39) Methylcyclohexane	9.185	83	56751	20.726	ug/l	97
40) Benzene	8.167	78	132671	21.452	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	16764m	20.351	ug/l	
42) 1,2-Dichloroethane	8.240	62	44269	22.216	ug/l	97
43) Isopropyl Acetate	8.277	43	50663	20.800	ug/l	96
44) Trichloroethene	8.941	130	36271	22.708	ug/l	99
45) 1,2-Dichloropropane	9.222	63	31856	20.923	ug/l	98
46) Dibromomethane	9.307	93	17958	22.150	ug/l	98
47) Bromodichloromethane	9.502	83	45999	22.036	ug/l	99
48) Methyl methacrylate	9.295	41	23625	20.218	ug/l	96
49) 1,4-Dioxane	9.301	88	4631	437.816	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	135164	106.875	ug/l	97
52) Toluene	10.246	92	82263	21.444	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	49174	21.605	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	53071	21.210	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	24836	21.771	ug/l	99
56) Ethyl methacrylate	10.514	69	35431	20.434	ug/l	94
57) 1,3-Dichloropropane	10.794	76	43920	21.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	87113	102.537	ug/l	97
59) 2-Hexanone	10.831	43	95559	106.089	ug/l	96
60) Dibromochloromethane	10.990	129	30882	22.282	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23004	21.298	ug/l	99
64) Tetrachloroethene	10.721	164	39574	23.920	ug/l	97
65) Chlorobenzene	11.514	112	89226	21.921	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	32500	21.667	ug/l	98
67) Ethyl Benzene	11.593	91	162520	21.182	ug/l	98
68) m/p-Xylenes	11.703	106	125454	43.089	ug/l	97
69) o-Xylene	12.032	106	58422	21.246	ug/l	97
70) Styrene	12.044	104	100826	21.591	ug/l	98
71) Bromoform	12.209	173	20168	21.620	ug/l #	99
73) Isopropylbenzene	12.331	105	158194	20.269	ug/l	99
74) N-amyl acetate	12.142	43	47189	19.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	25946	18.408	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	24167m	22.821	ug/l	
77) Bromobenzene	12.611	156	37322	20.396	ug/l	95
78) n-propylbenzene	12.672	91	194253	20.220	ug/l	99
79) 2-Chlorotoluene	12.758	91	108748	20.456	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	135578	20.775	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10113	18.767	ug/l	99
82) 4-Chlorotoluene	12.855	91	113117	20.573	ug/l	99
83) tert-Butylbenzene	13.075	119	115299	20.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	131586	20.420	ug/l	98
85) sec-Butylbenzene	13.251	105	174904	20.744	ug/l	99
86) p-Isopropyltoluene	13.367	119	148976	20.938	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	75826	20.915	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76802	21.485	ug/l	99
89) n-Butylbenzene	13.696	91	137810	20.384	ug/l	99
90) Hexachloroethane	13.959	117	26457	20.476	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	66301	20.914	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5428	20.213	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	44122	21.062	ug/l	100
94) Hexachlorobutadiene	15.111	225	28613	20.937	ug/l	98
95) Naphthalene	15.233	128	81234	19.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38066	20.502	ug/l	100

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

