

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005812.D
 Acq On : 24 Aug 2021 11:18
 Operator : SY/MD
 Sample : VY0824SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0824SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:52:30 PM

Quant Time: Aug 25 04:28:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102736	49.452	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.900%		
35) Dibromofluoromethane	7.722	113	85824	51.023	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.040%		
50) Toluene-d8	10.185	98	339969	48.192	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.483	95	117247	50.190	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41370	24.542	ug/l	98
3) Chloromethane	2.119	50	46881	23.283	ug/l	99
4) Vinyl Chloride	2.259	62	59793	24.792	ug/l	98
5) Bromomethane	2.644	94	37512	23.629	ug/l	98
6) Chloroethane	2.796	64	34012	23.363	ug/l	97
7) Trichlorofluoromethane	3.131	101	73553	22.778	ug/l	98
8) Diethyl Ether	3.534	74	24536	21.755	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	39782	22.712	ug/l	99
10) Methyl Iodide	4.101	142	44703	20.486	ug/l	99
11) Tert butyl alcohol	4.966	59	23092	112.438	ug/l	99
12) 1,1-Dichloroethene	3.881	96	39189	22.157	ug/l	97
13) Acrolein	3.735	56	9471	76.434	ug/l	98
14) Allyl chloride	4.491	41	67821	21.893	ug/l	99
15) Acrylonitrile	5.174	53	65074	112.583	ug/l	99
16) Acetone	3.954	43	62431	119.191	ug/l	97
17) Carbon Disulfide	4.198	76	111903	20.524	ug/l	100
18) Methyl Acetate	4.485	43	30213	22.055	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	120446	21.982	ug/l	99
20) Methylene Chloride	4.729	84	54287	22.856	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	42219	21.350	ug/l	96
22) Diisopropyl ether	6.131	45	145614	22.784	ug/l	99
23) Vinyl Acetate	6.070	43	475364	111.767	ug/l	100
24) 1,1-Dichloroethane	6.027	63	79624	22.481	ug/l	99
25) 2-Butanone	6.996	43	88738	114.610	ug/l	99
26) 2,2-Dichloropropane	6.990	77	74807	23.117	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	49293	21.917	ug/l	98
28) Bromochloromethane	7.338	49	35976	25.449	ug/l	100
29) Tetrahydrofuran	7.356	42	56252	109.844	ug/l	99
30) Chloroform	7.515	83	81788	22.625	ug/l	97
31) Cyclohexane	7.789	56	75856	21.287	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	76688	23.077	ug/l	99
36) 1,1-Dichloropropene	7.923	75	62035	22.015	ug/l	99
37) Ethyl Acetate	7.082	43	37964	22.239	ug/l	99
38) Carbon Tetrachloride	7.905	117	69450	22.677	ug/l	97
39) Methylcyclohexane	9.185	83	77011	21.481	ug/l	99
40) Benzene	8.167	78	178260	22.091	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23233m	25.083	ug/l	
42) 1,2-Dichloroethane	8.240	62	59409	22.697	ug/l	98
43) Isopropyl Acetate	8.277	43	72566	22.453	ug/l	99
44) Trichloroethene	8.941	130	48830	22.172	ug/l	98
45) 1,2-Dichloropropane	9.222	63	45308	22.444	ug/l	98
46) Dibromomethane	9.307	93	24956	22.357	ug/l	98
47) Bromodichloromethane	9.502	83	62753	22.463	ug/l	96
48) Methyl methacrylate	9.295	41	32511	22.258	ug/l	97
49) 1,4-Dioxane	9.301	88	7207	464.571	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	193161	113.488	ug/l	99
52) Toluene	10.246	92	114942	22.339	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	69197	22.164	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	76069	22.451	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	36306	22.479	ug/l	97
56) Ethyl methacrylate	10.514	69	53088	21.952	ug/l	98
57) 1,3-Dichloropropane	10.795	76	63505	22.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	130075	112.566	ug/l	99
59) 2-Hexanone	10.837	43	137925	114.651	ug/l	100
60) Dibromochloromethane	10.984	129	45625	22.827	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34276	22.404	ug/l	99
64) Tetrachloroethene	10.721	164	49671	23.725	ug/l	96
65) Chlorobenzene	11.520	112	123705	22.350	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	47195	22.655	ug/l	99
67) Ethyl Benzene	11.593	91	223265	22.245	ug/l	99
68) m/p-Xylenes	11.703	106	175862	45.113	ug/l	99
69) o-Xylene	12.032	106	82804	22.100	ug/l	100
70) Styrene	12.044	104	143079	22.687	ug/l	99
71) Bromoform	12.209	173	31137	23.048	ug/l #	99
73) Isopropylbenzene	12.331	105	222326	20.961	ug/l	100
74) N-amyl acetate	12.142	43	67218	21.052	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	42823	20.991	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29999m	19.051	ug/l	
77) Bromobenzene	12.611	156	53965	20.709	ug/l	95
78) n-propylbenzene	12.672	91	270669	21.486	ug/l	100
79) 2-Chlorotoluene	12.758	91	147459	20.846	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	189817	21.564	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	16529	21.160	ug/l	99
82) 4-Chlorotoluene	12.855	91	158550	21.662	ug/l	99
83) tert-Butylbenzene	13.075	119	166857	21.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	186343	21.454	ug/l	99
85) sec-Butylbenzene	13.251	105	245982	21.591	ug/l	99
86) p-Isopropyltoluene	13.367	119	212914	21.768	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	110272	21.687	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	108261	21.462	ug/l	98
89) n-Butylbenzene	13.696	91	195803	22.096	ug/l	99
90) Hexachloroethane	13.959	117	38579	21.938	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	98482	21.927	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8342	21.570	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	68357	22.156	ug/l	99
94) Hexachlorobutadiene	15.111	225	44657	22.354	ug/l	100
95) Naphthalene	15.239	128	128969	21.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	59568	21.793	ug/l	99

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

