

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006118.D
 Acq On : 23 Sep 2021 12:31
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:56:30 PM

Quant Time: Sep 24 07:27:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	130675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80225	44.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.400%		
35) Dibromofluoromethane	7.722	113	59332	48.541	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.080%		
50) Toluene-d8	10.179	98	251270	48.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.483	95	84946	48.026	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30028	21.753	ug/l	93
3) Chloromethane	2.119	50	35301	20.565	ug/l	95
4) Vinyl Chloride	2.260	62	40485	20.888	ug/l	99
5) Bromomethane	2.644	94	26540	21.107	ug/l	98
6) Chloroethane	2.796	64	22939	19.736	ug/l	98
7) Trichlorofluoromethane	3.131	101	51909	20.545	ug/l	91
8) Diethyl Ether	3.534	74	15909	19.154	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	25676	20.355	ug/l	97
10) Methyl Iodide	4.101	142	25955	19.436	ug/l	97
11) Tert butyl alcohol	4.942	59	41899	128.549	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	26227	20.101	ug/l	89
13) Acrolein	3.735	56	7530	69.040	ug/l	94
14) Allyl chloride	4.491	41	46617	16.738	ug/l	94
15) Acrylonitrile	5.168	53	42757	90.374	ug/l	98
16) Acetone	3.954	43	43270	86.912	ug/l	99
17) Carbon Disulfide	4.198	76	86601	19.874	ug/l	100
18) Methyl Acetate	4.479	43	20820	16.601	ug/l	95
19) Methyl tert-butyl Ether	5.229	73	76887	18.278	ug/l	100
20) Methylene Chloride	4.723	84	38087	21.908	ug/l	90
21) trans-1,2-Dichloroethene	5.229	96	28767	19.662	ug/l	95
22) Diisopropyl ether	6.131	45	96817	17.889	ug/l	93
23) Vinyl Acetate	6.070	43	292951	85.785	ug/l	97
24) 1,1-Dichloroethane	6.027	63	53645	19.347	ug/l	98
25) 2-Butanone	6.990	43	56973	83.028	ug/l	96
26) 2,2-Dichloropropane	6.990	77	51722	19.690	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	31870	19.525	ug/l	98
28) Bromochloromethane	7.344	49	21203	17.407	ug/l #	91
29) Tetrahydrofuran	7.350	42	35378	82.032	ug/l	95
30) Chloroform	7.515	83	55160	19.840	ug/l	100
31) Cyclohexane	7.789	56	53627	18.443	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	52271	20.024	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43397	20.431	ug/l	99
37) Ethyl Acetate	7.076	43	25272	17.223	ug/l	98
38) Carbon Tetrachloride	7.911	117	47556	20.566	ug/l	98
39) Methylcyclohexane	9.185	83	52445	19.921	ug/l	97
40) Benzene	8.167	78	121782	19.994	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	12444m	14.520	ug/l	
42) 1,2-Dichloroethane	8.240	62	41744	19.380	ug/l	98
43) Isopropyl Acetate	8.277	43	46493	17.011	ug/l	95
44) Trichloroethene	8.941	130	31988	21.074	ug/l	97
45) 1,2-Dichloropropane	9.222	63	27836	18.474	ug/l	100
46) Dibromomethane	9.307	93	15976	19.588	ug/l	95
47) Bromodichloromethane	9.502	83	41245	19.647	ug/l	98
48) Methyl methacrylate	9.295	41	20963	16.599	ug/l	96
49) 1,4-Dioxane	9.301	88	4165	370.043	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	121114	83.121	ug/l	97
52) Toluene	10.246	92	76768	20.453	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	44125	19.135	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	48820	19.630	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	22679	20.236	ug/l	96
56) Ethyl methacrylate	10.514	69	32552	18.169	ug/l	95
57) 1,3-Dichloropropane	10.795	76	39923	19.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	87171	92.940	ug/l	96
59) 2-Hexanone	10.831	43	85633	85.130	ug/l	98
60) Dibromochloromethane	10.984	129	28638	20.726	ug/l	97
61) 1,2-Dibromoethane	11.093	107	20539	19.402	ug/l	99
64) Tetrachloroethene	10.721	164	33182	22.172	ug/l	97
65) Chlorobenzene	11.520	112	81114	20.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	29651	20.319	ug/l	99
67) Ethyl Benzene	11.593	91	151747	20.390	ug/l	99
68) m/p-Xylenes	11.703	106	117743	41.723	ug/l	96
69) o-Xylene	12.032	106	54588	20.481	ug/l	98
70) Styrene	12.044	104	93312	20.437	ug/l	99
71) Bromoform	12.209	173	18439	20.180	ug/l #	99
73) Isopropylbenzene	12.331	105	147064	19.370	ug/l	100
74) N-amyl acetate	12.142	43	41045	15.655	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	23829	16.869	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	16474m	15.936	ug/l	
77) Bromobenzene	12.611	156	35252	19.899	ug/l	94
78) n-propylbenzene	12.672	91	181346	19.305	ug/l	98
79) 2-Chlorotoluene	12.758	91	99541	19.489	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	125536	19.937	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9885	17.580	ug/l	99
82) 4-Chlorotoluene	12.855	91	105565	19.996	ug/l	99
83) tert-Butylbenzene	13.075	119	107611	19.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	123282	19.734	ug/l	98
85) sec-Butylbenzene	13.252	105	160980	19.968	ug/l	100
86) p-Isopropyltoluene	13.367	119	136831	19.880	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70240	20.558	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	69908	20.399	ug/l	99
89) n-Butylbenzene	13.697	91	127267	19.773	ug/l	99
90) Hexachloroethane	13.959	117	25124	20.284	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	62306	20.774	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5053	18.030	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	41424	21.268	ug/l	99
94) Hexachlorobutadiene	15.111	225	27756	22.026	ug/l	100
95) Naphthalene	15.239	128	77116	19.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	35917	21.280	ug/l	99

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

