

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005041.D
 Acq On : 09 Jun 2021 13:12
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:27:06 PM

Quant Time: Jun 10 02:39:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	213138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	321502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114282	50.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.722	113	99774	52.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.185	98	406906	51.958	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	12.483	95	134162	49.812	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	41657	21.523	ug/l	98
3) Chloromethane	2.119	50	56988	21.564	ug/l	100
4) Vinyl Chloride	2.259	62	52870	20.794	ug/l	95
5) Bromomethane	2.650	94	28517	19.790	ug/l	97
6) Chloroethane	2.796	64	31178	20.502	ug/l	98
7) Trichlorofluoromethane	3.131	101	76812	21.360	ug/l	99
8) Diethyl Ether	3.533	74	28746	20.588	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	45795	20.879	ug/l	99
10) Methyl Iodide	4.094	142	44162	21.092	ug/l	98
11) Tert butyl alcohol	4.972	59	25933	100.078	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	44242	20.198	ug/l	96
13) Acrolein	3.741	56	26717	95.657	ug/l	95
14) Allyl chloride	4.491	41	80943	20.268	ug/l	99
15) Acrylonitrile	5.173	53	70623	107.563	ug/l	98
16) Acetone	3.954	43	56945	104.984	ug/l	97
17) Carbon Disulfide	4.204	76	139006	20.637	ug/l	99
18) Methyl Acetate	4.485	43	38020	21.873	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	116551	20.670	ug/l	97
20) Methylene Chloride	4.728	84	67165	22.464	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	50158	20.400	ug/l	93
22) Diisopropyl ether	6.124	45	157451	21.476	ug/l	96
23) Vinyl Acetate	6.070	43	573404	107.498	ug/l	99
24) 1,1-Dichloroethane	6.027	63	91679	20.777	ug/l	100
25) 2-Butanone	7.002	43	96762	106.089	ug/l	99
26) 2,2-Dichloropropane	6.990	77	78547	21.061	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	55231	20.498	ug/l	100
28) Bromochloromethane	7.338	49	43265	21.949	ug/l	96
29) Tetrahydrofuran	7.362	42	62775	108.219	ug/l	97
30) Chloroform	7.514	83	89197	21.318	ug/l	97
31) Cyclohexane	7.789	56	80676	20.336	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	78336	21.343	ug/l	100
36) 1,1-Dichloropropene	7.923	75	70395	20.523	ug/l	100
37) Ethyl Acetate	7.082	43	47573	21.084	ug/l	98
38) Carbon Tetrachloride	7.905	117	62155	20.821	ug/l	96
39) Methylcyclohexane	9.185	83	76478	20.185	ug/l	99
40) Benzene	8.167	78	210571	21.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24865	20.046	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	60143	21.226	ug/l	99
43) Isopropyl Acetate	8.277	43	84191	20.784	ug/l	98
44) Trichloroethene	8.947	130	55078	21.442	ug/l	100
45) 1,2-Dichloropropane	9.221	63	53805	20.947	ug/l	98
46) Dibromomethane	9.307	93	30122	21.957	ug/l	98
47) Bromodichloromethane	9.502	83	69747	21.656	ug/l	99
48) Methyl methacrylate	9.301	41	37372	20.277	ug/l	97
49) 1,4-Dioxane	9.301	88	6407	386.839	ug/l #	81
51) 4-Methyl-2-Pentanone	10.075	43	230206	108.407	ug/l	99
52) Toluene	10.246	92	127027	21.390	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	76324	21.411	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	86890	21.454	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	42128	22.094	ug/l	99
56) Ethyl methacrylate	10.514	69	58150	21.302	ug/l	98
57) 1,3-Dichloropropane	10.794	76	74507	21.959	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	155983	113.070	ug/l	100
59) 2-Hexanone	10.837	43	155955	108.654	ug/l	100
60) Dibromochloromethane	10.989	129	47889	22.081	ug/l	99
61) 1,2-Dibromoethane	11.093	107	40100	21.927	ug/l	100
64) Tetrachloroethene	10.721	164	56098	20.867	ug/l	98
65) Chlorobenzene	11.520	112	132873	20.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	47898	21.092	ug/l	99
67) Ethyl Benzene	11.593	91	243203	20.659	ug/l	99
68) m/p-Xylenes	11.703	106	180059	40.823	ug/l	98
69) o-Xylene	12.032	106	83696	20.377	ug/l	99
70) Styrene	12.044	104	142755	20.861	ug/l	99
71) Bromoform	12.215	173	27615	20.624	ug/l #	100
73) Isopropylbenzene	12.331	105	227095	19.940	ug/l	100
74) N-amyl acetate	12.148	43	74772	20.348	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	48276	21.116	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35502m	21.481	ug/l	
77) Bromobenzene	12.611	156	51966	20.421	ug/l	98
78) n-propylbenzene	12.672	91	282033	20.544	ug/l	99
79) 2-Chlorotoluene	12.757	91	153250	20.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	192483	20.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	18473	20.541	ug/l #	79
82) 4-Chlorotoluene	12.855	91	160835	20.566	ug/l	100
83) tert-Butylbenzene	13.081	119	161712	20.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	191279	20.485	ug/l	99
85) sec-Butylbenzene	13.257	105	236862	20.471	ug/l	100
86) p-Isopropyltoluene	13.373	119	201331	20.284	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	100336	20.713	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	99571	20.609	ug/l	99
89) n-Butylbenzene	13.702	91	197556	20.694	ug/l	98
90) Hexachloroethane	13.965	117	30054	20.401	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	89139	20.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7776	20.542	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	53761	20.001	ug/l	99
94) Hexachlorobutadiene	15.117	225	29122	20.535	ug/l	99
95) Naphthalene	15.239	128	116231	19.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	47759	20.183	ug/l	99

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

