

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005241.D
 Acq On : 28 Jun 2021 12:07
 Operator : SY/MD
 Sample : VY0628SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0628SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2021 7:39:15 PM

Quant Time: Jun 29 01:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	331850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	463675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	425295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	220096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130641	47.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.728	113	134395	49.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.185	98	541945	49.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.483	95	181009	49.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45643	20.917	ug/l	99
3) Chloromethane	2.119	50	59152	20.354	ug/l	99
4) Vinyl Chloride	2.253	62	67503	20.315	ug/l	98
5) Bromomethane	2.643	94	45958	21.807	ug/l	94
6) Chloroethane	2.796	64	40148	18.477	ug/l	100
7) Trichlorofluoromethane	3.131	101	90598	20.396	ug/l	100
8) Diethyl Ether	3.540	74	32257	19.411	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	55890	20.552	ug/l	98
10) Methyl Iodide	4.100	142	69312	17.917	ug/l	98
11) Tert butyl alcohol	4.960	59	56181	136.706	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	54311	19.767	ug/l	99
13) Acrolein	3.741	56	15959	117.939	ug/l	94
14) Allyl chloride	4.485	41	76114	19.285	ug/l	99
15) Acrylonitrile	5.180	53	73169	94.787	ug/l	100
16) Acetone	3.960	43	59903	94.160	ug/l	98
17) Carbon Disulfide	4.198	76	172782	19.994	ug/l	99
18) Methyl Acetate	4.491	43	30710	18.164	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	145446	19.362	ug/l	99
20) Methylene Chloride	4.728	84	81152	18.618	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	61995	20.264	ug/l	98
22) Diisopropyl ether	6.131	45	157726	19.225	ug/l	98
23) Vinyl Acetate	6.070	43	501698	94.494	ug/l	100
24) 1,1-Dichloroethane	6.027	63	99975	19.634	ug/l	99
25) 2-Butanone	6.996	43	83265	89.759	ug/l	99
26) 2,2-Dichloropropane	6.990	77	87383	19.680	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	68294	19.848	ug/l	99
28) Bromochloromethane	7.338	49	36040	17.690	ug/l	94
29) Tetrahydrofuran	7.356	42	56240	92.146	ug/l	98
30) Chloroform	7.514	83	102611	19.803	ug/l	97
31) Cyclohexane	7.789	56	95081	19.339	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	93547	20.242	ug/l	99
36) 1,1-Dichloropropene	7.923	75	82012	20.086	ug/l	100
37) Ethyl Acetate	7.082	43	39059	18.551	ug/l	98
38) Carbon Tetrachloride	7.905	117	87355	20.438	ug/l	100
39) Methylcyclohexane	9.191	83	104969	19.865	ug/l	96
40) Benzene	8.167	78	241308	20.043	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	20280m	17.367	ug/l	
42) 1,2-Dichloroethane	8.246	62	63914	19.545	ug/l	99
43) Isopropyl Acetate	8.277	43	70989	18.343	ug/l	98
44) Trichloroethene	8.947	130	69502	20.419	ug/l	100
45) 1,2-Dichloropropane	9.222	63	57228	19.865	ug/l	100
46) Dibromomethane	9.307	93	33213	19.824	ug/l	99
47) Bromodichloromethane	9.502	83	78205	19.908	ug/l	99
48) Methyl methacrylate	9.295	41	30621	18.035	ug/l	98
49) 1,4-Dioxane	9.307	88	8709	395.289	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	187621	92.624	ug/l	99
52) Toluene	10.246	92	154201	20.038	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	83684	19.460	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	96126	19.828	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47781	19.529	ug/l	98
56) Ethyl methacrylate	10.514	69	63168	19.019	ug/l	98
57) 1,3-Dichloropropane	10.794	76	80030	19.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	153068	104.492	ug/l	99
59) 2-Hexanone	10.837	43	126514	90.808	ug/l	99
60) Dibromochloromethane	10.989	129	60318	20.125	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46740	19.639	ug/l	100
64) Tetrachloroethene	10.721	164	63387	20.197	ug/l	99
65) Chlorobenzene	11.520	112	169402	20.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	63484	20.291	ug/l	99
67) Ethyl Benzene	11.593	91	290195	19.965	ug/l	100
68) m/p-Xylenes	11.703	106	233085	40.024	ug/l	100
69) o-Xylene	12.032	106	110747	20.083	ug/l	98
70) Styrene	12.044	104	185351	19.990	ug/l	100
71) Bromoform	12.209	173	42471	19.949	ug/l #	99
73) Isopropylbenzene	12.331	105	286737	20.086	ug/l	100
74) N-amyl acetate	12.148	43	61720	18.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	54467	19.363	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	36302m	18.597	ug/l	
77) Bromobenzene	12.611	156	75859	20.026	ug/l	99
78) n-propylbenzene	12.672	91	339453	20.166	ug/l	100
79) 2-Chlorotoluene	12.757	91	190784	20.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	238836	20.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	20175	19.284	ug/l	98
82) 4-Chlorotoluene	12.855	91	197857	20.141	ug/l	100
83) tert-Butylbenzene	13.074	119	214604	20.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	237023	20.301	ug/l	99
85) sec-Butylbenzene	13.257	105	311376	20.329	ug/l	100
86) p-Isopropyltoluene	13.367	119	267001	20.203	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	145838	20.166	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	146344	20.463	ug/l	100
89) n-Butylbenzene	13.696	91	232569	20.033	ug/l	100
90) Hexachloroethane	13.965	117	48189	20.185	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	129382	20.181	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9143	19.514	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	89554	19.819	ug/l	100
94) Hexachlorobutadiene	15.111	225	57305	20.264	ug/l	99
95) Naphthalene	15.239	128	160183	19.207	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78813	19.805	ug/l	100

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

