

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005115.D
 Acq On : 11 Jun 2021 11:37
 Operator : SY/MD
 Sample : VY0611SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 2:06:22 PM

Quant Time: Jun 12 00:34:57 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	199340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	297003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102822	48.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.722	113	91390	52.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.340%
50) Toluene-d8	10.185	98	368176	50.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.483	95	122226	48.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	41245	22.785	ug/l	99
3) Chloromethane	2.119	50	49280	19.938	ug/l	98
4) Vinyl Chloride	2.259	62	46885	19.717	ug/l	99
5) Bromomethane	2.650	94	24919	18.490	ug/l	99
6) Chloroethane	2.796	64	26206	18.425	ug/l	98
7) Trichlorofluoromethane	3.131	101	74579	22.174	ug/l	96
8) Diethyl Ether	3.540	74	25223	19.315	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	42547	20.741	ug/l	98
10) Methyl Iodide	4.101	142	45062	23.011	ug/l	97
11) Tert butyl alcohol	4.972	59	18777	77.478	ug/l	98
12) 1,1-Dichloroethene	3.881	96	41852	20.429	ug/l	94
13) Acrolein	3.735	56	20958	74.833	ug/l	99
14) Allyl chloride	4.491	41	67371	18.037	ug/l	96
15) Acrylonitrile	5.180	53	55825	90.910	ug/l	99
16) Acetone	3.954	43	45049	88.802	ug/l	93
17) Carbon Disulfide	4.204	76	125897	19.984	ug/l	98
18) Methyl Acetate	4.485	43	27407	16.859	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	102182	19.376	ug/l	98
20) Methylene Chloride	4.722	84	59462	20.905	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	45948	19.981	ug/l	95
22) Diisopropyl ether	6.131	45	125000	18.230	ug/l	95
23) Vinyl Acetate	6.070	43	439416	88.081	ug/l	97
24) 1,1-Dichloroethane	6.027	63	80313	19.461	ug/l	99
25) 2-Butanone	6.996	43	71838	84.214	ug/l	99
26) 2,2-Dichloropropane	6.990	77	69415	19.901	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	50275	19.950	ug/l	97
28) Bromochloromethane	7.344	49	34086	18.489	ug/l	88
29) Tetrahydrofuran	7.356	42	44825	82.624	ug/l	94
30) Chloroform	7.515	83	81240	20.760	ug/l	96
31) Cyclohexane	7.789	56	65241	17.584	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	73157	21.312	ug/l	99
36) 1,1-Dichloropropene	7.923	75	62946	19.753	ug/l	99
37) Ethyl Acetate	7.082	43	32659	15.580	ug/l	96
38) Carbon Tetrachloride	7.905	117	60348	21.760	ug/l	98
39) Methylcyclohexane	9.185	83	67333	19.128	ug/l	95
40) Benzene	8.167	78	184463	20.230	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21152	18.355	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	53127	20.182	ug/l	100
43) Isopropyl Acetate	8.283	43	62745	16.673	ug/l	96
44) Trichloroethene	8.947	130	51258	21.479	ug/l	96
45) 1,2-Dichloropropane	9.222	63	44599	18.689	ug/l	96
46) Dibromomethane	9.313	93	25231	19.797	ug/l	97
47) Bromodichloromethane	9.502	83	61296	20.485	ug/l	98
48) Methyl methacrylate	9.301	41	27327	15.959	ug/l	88
49) 1,4-Dioxane	9.313	88	5527	359.194	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	159091	80.640	ug/l	95
52) Toluene	10.246	92	112260	20.347	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	64613	19.510	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	73911	19.643	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	36130	20.396	ug/l	95
56) Ethyl methacrylate	10.514	69	47193	18.608	ug/l	94
57) 1,3-Dichloropropane	10.794	76	62239	19.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	121020	94.426	ug/l	93
59) 2-Hexanone	10.837	43	107822	80.857	ug/l	96
60) Dibromochloromethane	10.990	129	43166	21.423	ug/l	99
61) 1,2-Dibromoethane	11.093	107	34235	20.150	ug/l	99
64) Tetrachloroethene	10.721	164	51366	20.683	ug/l	98
65) Chlorobenzene	11.520	112	119251	20.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	43168	20.578	ug/l	98
67) Ethyl Benzene	11.599	91	214503	19.724	ug/l	98
68) m/p-Xylenes	11.709	106	163862	40.216	ug/l	99
69) o-Xylene	12.032	106	76498	20.161	ug/l	99
70) Styrene	12.050	104	129169	20.432	ug/l	98
71) Bromoform	12.215	173	25051	20.253	ug/l #	99
73) Isopropylbenzene	12.337	105	208625	19.301	ug/l	99
74) N-amyl acetate	12.148	43	53609	15.372	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	37600	17.329	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	28754m	18.332	ug/l	
77) Bromobenzene	12.611	156	47848	19.812	ug/l	93
78) n-propylbenzene	12.678	91	248507	19.074	ug/l	98
79) 2-Chlorotoluene	12.757	91	137848	18.979	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	174279	19.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	14294	16.748	ug/l	97
82) 4-Chlorotoluene	12.855	91	142886	19.252	ug/l	98
83) tert-Butylbenzene	13.081	119	148071	19.631	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	174461	19.687	ug/l	100
85) sec-Butylbenzene	13.257	105	213243	19.419	ug/l	98
86) p-Isopropyltoluene	13.373	119	187780	19.935	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	91375	19.876	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	92596	20.195	ug/l	99
89) n-Butylbenzene	13.702	91	175043	19.320	ug/l	98
90) Hexachloroethane	13.965	117	27445	19.630	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	81600	20.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6394	17.798	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	52198	20.462	ug/l	99
94) Hexachlorobutadiene	15.117	225	29626	22.012	ug/l	99
95) Naphthalene	15.239	128	109586	19.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46737	20.812	ug/l	99

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

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