

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005013.D
 Acq On : 08 Jun 2021 11:33
 Operator : SY/MD
 Sample : VY0608SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0608SBS01

Manual Integrations
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 6/9/2021 4:22:05 PM

Quant Time: Jun 09 03:47:33 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	222572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	372158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	336690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117433	49.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.820%		
35) Dibromofluoromethane	7.728	113	102518	51.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.400%		
50) Toluene-d8	10.185	98	423264	50.900	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.800%		
62) 4-Bromofluorobenzene	12.483	95	137633	48.125	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44688	22.110	ug/l	96
3) Chloromethane	2.113	50	58698	21.270	ug/l	98
4) Vinyl Chloride	2.253	62	54511	20.531	ug/l	98
5) Bromomethane	2.656	94	29855	19.840	ug/l	94
6) Chloroethane	2.796	64	33089	20.836	ug/l	99
7) Trichlorofluoromethane	3.131	101	77155	20.546	ug/l	99
8) Diethyl Ether	3.534	74	29110	19.965	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	46747	20.410	ug/l	100
10) Methyl Iodide	4.095	142	47332	21.647	ug/l	98
11) Tert butyl alcohol	4.985	59	20120	74.354	ug/l	97
12) 1,1-Dichloroethene	3.875	96	45314	19.810	ug/l	99
13) Acrolein	3.741	56	26817	90.647	ug/l	100
14) Allyl chloride	4.485	41	85276	20.447	ug/l	98
15) Acrylonitrile	5.180	53	66232	96.600	ug/l	98
16) Acetone	3.960	43	50809	89.702	ug/l	94
17) Carbon Disulfide	4.198	76	144380	20.526	ug/l	100
18) Methyl Acetate	4.491	43	34575	19.048	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	115134	19.554	ug/l	99
20) Methylene Chloride	4.723	84	64800	20.242	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	51932	20.226	ug/l	99
22) Diisopropyl ether	6.131	45	164784	21.524	ug/l	97
23) Vinyl Acetate	6.070	43	574878	103.206	ug/l	99
24) 1,1-Dichloroethane	6.027	63	96625	20.970	ug/l	99
25) 2-Butanone	7.003	43	89733	94.212	ug/l	98
26) 2,2-Dichloropropane	6.990	77	78965	20.276	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	58185	20.679	ug/l	99
28) Bromochloromethane	7.344	49	44452	21.595	ug/l	94
29) Tetrahydrofuran	7.362	42	56918	93.963	ug/l	99
30) Chloroform	7.515	83	92527	21.177	ug/l	100
31) Cyclohexane	7.789	56	83436	20.140	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	79991	20.870	ug/l	99
36) 1,1-Dichloropropene	7.923	75	74435	20.437	ug/l	99
37) Ethyl Acetate	7.082	43	47260	19.726	ug/l	98
38) Carbon Tetrachloride	7.905	117	64096	20.221	ug/l	97
39) Methylcyclohexane	9.185	83	81180	20.178	ug/l	96
40) Benzene	8.167	78	219230	21.037	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	25884	19.652	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	61622	20.482	ug/l	99
43) Isopropyl Acetate	8.283	43	80633	18.747	ug/l	98
44) Trichloroethene	8.941	130	56751	20.807	ug/l	99
45) 1,2-Dichloropropane	9.222	63	57239	20.986	ug/l	99
46) Dibromomethane	9.313	93	29181	20.033	ug/l	98
47) Bromodichloromethane	9.502	83	70736	20.684	ug/l	99
48) Methyl methacrylate	9.295	41	37482	19.153	ug/l	99
49) 1,4-Dioxane	9.313	88	5738	326.272	ug/l #	66
51) 4-Methyl-2-Pentanone	10.075	43	217089	96.277	ug/l	99
52) Toluene	10.246	92	133957	21.243	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	76619	20.242	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	90281	20.993	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	41490	20.492	ug/l	99
56) Ethyl methacrylate	10.514	69	56638	19.540	ug/l	98
57) 1,3-Dichloropropane	10.795	76	75267	20.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	153480	104.777	ug/l	99
59) 2-Hexanone	10.837	43	145762	95.639	ug/l	98
60) Dibromochloromethane	10.984	129	47988	20.838	ug/l	99
61) 1,2-Dibromoethane	11.093	107	39998	20.598	ug/l	99
64) Tetrachloroethene	10.721	164	57692	20.492	ug/l	98
65) Chlorobenzene	11.520	112	139361	20.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	48189	20.263	ug/l	98
67) Ethyl Benzene	11.593	91	250670	20.333	ug/l	99
68) m/p-Xylenes	11.703	106	189755	41.081	ug/l	99
69) o-Xylene	12.032	106	86719	20.161	ug/l	100
70) Styrene	12.044	104	148318	20.696	ug/l	99
71) Bromoform	12.209	173	28100	20.040	ug/l #	99
73) Isopropylbenzene	12.331	105	234767	19.852	ug/l	99
74) N-amyl acetate	12.148	43	73386	19.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	45660	19.234	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	32756m	19.088	ug/l	
77) Bromobenzene	12.611	156	53492	20.245	ug/l	98
78) n-propylbenzene	12.672	91	289267	20.293	ug/l	99
79) 2-Chlorotoluene	12.758	91	159500	20.072	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	195632	20.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17973	19.248	ug/l	98
82) 4-Chlorotoluene	12.855	91	167924	20.680	ug/l	100
83) tert-Butylbenzene	13.075	119	162020	19.633	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	195132	20.126	ug/l	100
85) sec-Butylbenzene	13.251	105	243038	20.229	ug/l	100
86) p-Isopropyltoluene	13.373	119	204657	19.858	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	103889	20.654	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	104163	20.764	ug/l	100
89) n-Butylbenzene	13.697	91	200353	20.212	ug/l	98
90) Hexachloroethane	13.965	117	31443	20.556	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	92033	20.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7635	19.425	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	56533	20.256	ug/l	100
94) Hexachlorobutadiene	15.111	225	30476	20.697	ug/l	98
95) Naphthalene	15.239	128	120626	19.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	50424	20.523	ug/l	99

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

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