

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004986.D
 Acq On : 07 Jun 2021 12:39
 Operator : SY/MD
 Sample : VY0607SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS01

Manual Integrations
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 6/8/2021 2:58:50 PM

Quant Time: Jun 08 02:08:02 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	240008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	407180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	369342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124683	49.140	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.280%		
35) Dibromofluoromethane	7.722	113	109008	49.760	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.520%		
50) Toluene-d8	10.185	98	445740	48.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.483	95	146969	46.970	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50325	23.091	ug/l	99
3) Chloromethane	2.119	50	67737	22.762	ug/l	99
4) Vinyl Chloride	2.253	62	62862	21.956	ug/l	100
5) Bromomethane	2.650	94	34863	21.485	ug/l	97
6) Chloroethane	2.796	64	37766	22.053	ug/l	98
7) Trichlorofluoromethane	3.131	101	88093	21.754	ug/l	97
8) Diethyl Ether	3.534	74	34328	21.833	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	53281	21.572	ug/l	100
10) Methyl Iodide	4.101	142	55537	23.555	ug/l	100
11) Tert butyl alcohol	4.978	59	26280	90.063	ug/l	97
12) 1,1-Dichloroethene	3.875	96	52605	21.327	ug/l	98
13) Acrolein	3.735	56	32233	104.877	ug/l	99
14) Allyl chloride	4.491	41	98424	21.886	ug/l	99
15) Acrylonitrile	5.174	53	79201	107.123	ug/l	99
16) Acetone	3.960	43	62823	102.854	ug/l	97
17) Carbon Disulfide	4.204	76	165712	21.847	ug/l	99
18) Methyl Acetate	4.485	43	41350	21.126	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	133749	21.065	ug/l	96
20) Methylene Chloride	4.722	84	74917	22.188	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	59850	21.616	ug/l	95
22) Diisopropyl ether	6.131	45	187115	22.665	ug/l	96
23) Vinyl Acetate	6.070	43	670847	111.686	ug/l	98
24) 1,1-Dichloroethane	6.027	63	111248	22.389	ug/l	98
25) 2-Butanone	6.996	43	108941	106.070	ug/l	97
26) 2,2-Dichloropropane	6.990	77	89543	21.322	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	66341	21.865	ug/l	100
28) Bromochloromethane	7.338	49	50039	22.543	ug/l	97
29) Tetrahydrofuran	7.356	42	70877	108.507	ug/l	96
30) Chloroform	7.515	83	105953	22.488	ug/l	97
31) Cyclohexane	7.795	56	96461	21.593	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	90940	22.003	ug/l	99
36) 1,1-Dichloropropene	7.923	75	84980	21.325	ug/l	99
37) Ethyl Acetate	7.082	43	52646	20.084	ug/l	97
38) Carbon Tetrachloride	7.905	117	71589	20.642	ug/l	95
39) Methylcyclohexane	9.185	83	91849	20.866	ug/l	99
40) Benzene	8.167	78	251065	22.019	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	27250m	18.910	ug/l	
42) 1,2-Dichloroethane	8.246	62	70970	21.560	ug/l	100
43) Isopropyl Acetate	8.283	43	95262	20.243	ug/l	98
44) Trichloroethene	8.947	130	66202	22.184	ug/l	98
45) 1,2-Dichloropropane	9.222	63	66324	22.225	ug/l	99
46) Dibromomethane	9.307	93	34848	21.865	ug/l	99
47) Bromodichloromethane	9.502	83	82312	21.998	ug/l	99
48) Methyl methacrylate	9.295	41	43641	20.382	ug/l	99
49) 1,4-Dioxane	9.301	88	7694	399.865	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	251662	102.010	ug/l	99
52) Toluene	10.246	92	152985	22.174	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	87771	21.194	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	102974	21.885	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47425	21.409	ug/l	95
56) Ethyl methacrylate	10.514	69	66898	21.094	ug/l	98
57) 1,3-Dichloropropane	10.795	76	84928	21.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	167061	104.239	ug/l	100
59) 2-Hexanone	10.837	43	170134	102.029	ug/l	99
60) Dibromochloromethane	10.983	129	54909	21.792	ug/l	99
61) 1,2-Dibromoethane	11.093	107	46036	21.668	ug/l	98
64) Tetrachloroethene	10.721	164	65472	21.199	ug/l	96
65) Chlorobenzene	11.520	112	159262	21.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	55838	21.404	ug/l	99
67) Ethyl Benzene	11.593	91	287879	21.287	ug/l	100
68) m/p-Xylenes	11.703	106	216815	42.789	ug/l	100
69) o-Xylene	12.032	106	101324	21.474	ug/l	98
70) Styrene	12.044	104	170919	21.741	ug/l	99
71) Bromoform	12.209	173	31633	20.565	ug/l #	100
73) Isopropylbenzene	12.331	105	270881	21.241	ug/l	99
74) N-amyl acetate	12.148	43	84472	20.530	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	53962	21.078	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	44804m	24.210	ug/l	
77) Bromobenzene	12.611	156	60607	21.269	ug/l	98
78) n-propylbenzene	12.672	91	331061	21.536	ug/l	100
79) 2-Chlorotoluene	12.758	91	183300	21.390	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	225052	21.391	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20173	20.033	ug/l	99
82) 4-Chlorotoluene	12.855	91	187020	21.357	ug/l	99
83) tert-Butylbenzene	13.075	119	185634	20.859	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	223102	21.338	ug/l	100
85) sec-Butylbenzene	13.251	105	277291	21.402	ug/l	100
86) p-Isopropyltoluene	13.373	119	236392	21.269	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	117810	21.719	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	117375	21.696	ug/l	99
89) n-Butylbenzene	13.696	91	228835	21.407	ug/l	99
90) Hexachloroethane	13.965	117	34830	21.114	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	102551	21.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8682	20.482	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	63309	21.034	ug/l	99
94) Hexachlorobutadiene	15.111	225	33688	21.214	ug/l	98
95) Naphthalene	15.239	128	133784	20.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	55420	20.916	ug/l	98

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

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