

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004390.D
 Acq On : 12 Apr 2021 17:36
 Operator : SY/MD
 Sample : M1998-09MS
 Misc : 3.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5A

Manual Integrations
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 4/13/2021 4:09:46 PM

Quant Time: Apr 13 03:56:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	155600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	264279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	93827	54.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.54%			
35) Dibromofluoromethane	7.734	113	52569	35.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 71.68%			
50) Toluene-d8	10.185	98	317809	50.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.88%			
62) 4-Bromofluorobenzene	12.483	95	93026	43.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	78255	54.28	ug/l	95
3) Chloromethane	2.119	50	108841	52.21	ug/l	98
4) Vinyl Chloride	2.259	62	121316	55.10	ug/l	99
5) Bromomethane	2.662	94	54426	50.67	ug/l	99
6) Chloroethane	2.802	64	72827	55.17	ug/l	99
7) Trichlorofluoromethane	3.137	101	142853	51.88	ug/l	96
8) Diethyl Ether	3.540	74	47027	50.53	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	69195	45.30	ug/l	99
10) Methyl Iodide	4.107	142	86146	47.13	ug/l	99
11) Tert butyl alcohol	4.985	59	33185	194.77	ug/l	99
12) 1,1-Dichloroethene	3.887	96	81284	53.82	ug/l	98
13) Acrolein	3.747	56	5596	29.55	ug/l	98
14) Allyl chloride	4.491	41	137102	47.46	ug/l	98
15) Acrylonitrile	5.180	53	109130	218.57	ug/l	99
16) Acetone	3.960	43	110682	305.94	ug/l	95
17) Carbon Disulfide	4.210	76	248571	53.45	ug/l	99
18) Methyl Acetate	4.491	43	54041	44.88	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	226879	49.99	ug/l	99
20) Methylene Chloride	4.729	84	93442	55.96	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	91179	53.35	ug/l	97
22) Diisopropyl ether	6.131	45	312548	51.19	ug/l	92
24) 1,1-Dichloroethane	6.033	63	169113	54.21	ug/l	99
25) 2-Butanone	7.003	43	139995	212.58	ug/l	97
26) 2,2-Dichloropropane	6.996	77	146091	52.19	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	101585	53.13	ug/l	100
28) Bromochloromethane	7.350	49	77513	54.67	ug/l	98
29) Tetrahydrofuran	7.362	42	99064	210.55	ug/l	99
30) Chloroform	7.521	83	164675	53.72	ug/l	99
31) Cyclohexane	7.795	56	121482	38.33	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	145344	52.26	ug/l	99
36) 1,1-Dichloropropene	7.929	75	124897	47.56	ug/l	100
37) Ethyl Acetate	7.088	43	38800	22.94	ug/l	98
38) Carbon Tetrachloride	7.911	117	103007	45.37	ug/l	97
39) Methylcyclohexane	9.191	83	83107	25.70	ug/l	97
40) Benzene	8.167	78	372248	50.44	ug/l	100
41) Methacrylonitrile	7.344	41	48327m	47.15	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.246	62	111492	48.16	ug/l	99
43) Isopropyl Acetate	8.283	43	110324	34.41	ug/l	95
44) Trichloroethene	8.947	130	163938	81.47	ug/l	97
45) 1,2-Dichloropropane	9.222	63	95879	50.34	ug/l	99
46) Dibromomethane	9.313	93	48086	46.37	ug/l	100
47) Bromodichloromethane	9.502	83	124401	49.55	ug/l	95
48) Methyl methacrylate	9.301	41	56419	38.21	ug/l	99
49) 1,4-Dioxane	9.307	88	11343	837.55	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	347947	211.29	ug/l	100
52) Toluene	10.252	92	223706	46.84	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	123729	44.68	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	140476	44.67	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	65958	46.16	ug/l	96
56) Ethyl methacrylate	10.514	69	71411	34.46	ug/l	99
57) 1,3-Dichloropropane	10.795	76	118081	46.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	253116	238.75	ug/l	99
59) 2-Hexanone	10.837	43	226980	205.61	ug/l	99
60) Dibromochloromethane	10.990	129	79210	46.65	ug/l	98
61) 1,2-Dibromoethane	11.093	107	61570	44.69	ug/l	99
64) Tetrachloroethene	10.721	164	124961	66.49	ug/l	98
65) Chlorobenzene	11.520	112	216122	49.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	79639	50.65	ug/l	99
67) Ethyl Benzene	11.599	91	387596	47.02	ug/l	100
68) m/p-Xylenes	11.709	106	285957	93.36	ug/l	99
69) o-Xylene	12.032	106	137177	47.79	ug/l	99
70) Styrene	12.050	104	227978	47.95	ug/l	99
71) Bromoform	12.215	173	42263	45.32	ug/l #	99
73) Isopropylbenzene	12.331	105	312076	50.28	ug/l	99
74) N-amyl acetate	12.148	43	88000	42.11	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	6566	5.59	ug/l #	88
76) 1,2,3-Trichloropropane	12.636	75	50685m	58.80	ug/l	
77) Bromobenzene	12.611	156	78782	56.63	ug/l	99
78) n-propylbenzene	12.672	91	337953	46.09	ug/l	99
79) 2-Chlorotoluene	12.758	91	206032	51.38	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	237495	47.08	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	22057	45.77	ug/l #	76
82) 4-Chlorotoluene	12.861	91	219111	51.75	ug/l	99
83) tert-Butylbenzene	13.081	119	174360	40.38	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	241959	47.53	ug/l	100
85) sec-Butylbenzene	13.258	105	208967	34.69	ug/l	100
86) p-Isopropyltoluene	13.373	119	195262	35.64	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	122616	47.19	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	125567	48.01	ug/l	99
89) n-Butylbenzene	13.703	91	149150	28.52	ug/l	99
90) Hexachloroethane	13.965	117	19542	26.59	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	109552	47.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10768	51.10	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	43493	28.52	ug/l	97
94) Hexachlorobutadiene	15.117	225	9259	11.63	ug/l	99
95) Naphthalene	15.239	128	142692	43.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	36140	26.86	ug/l	100

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

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