

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004038.D
 Acq On : 22 Feb 2021 16:37
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
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 2/23/2021 1:06:46 PM

Quant Time: Feb 23 04:05:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:42:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	68415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	104312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	96370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43288	56.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.40%			
35) Dibromofluoromethane	7.722	113	34439	54.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.52%			
50) Toluene-d8	10.179	98	139373	55.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.54%			
62) 4-Bromofluorobenzene	12.477	95	49020	55.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14665	22.59	ug/l	97
3) Chloromethane	2.113	50	21249	21.91	ug/l	97
4) Vinyl Chloride	2.253	62	20582	21.88	ug/l	100
5) Bromomethane	2.644	94	13888	22.02	ug/l	96
6) Chloroethane	2.790	64	12382	21.80	ug/l	98
7) Trichlorofluoromethane	3.125	101	24235	20.60	ug/l	99
8) Diethyl Ether	3.534	74	7793	20.70	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	12630	20.08	ug/l	99
10) Methyl Iodide	4.095	142	15882	20.10	ug/l	99
11) Tert butyl alcohol	4.960	59	6420	32.25	ug/l	99
12) 1,1-Dichloroethene	3.869	96	12668	20.06	ug/l	99
13) Acrolein	3.735	56	7572	99.72	ug/l	98
14) Allyl chloride	4.479	41	24544	20.50	ug/l	98
15) Acrylonitrile	5.167	53	19368	97.61	ug/l	99
16) Acetone	3.948	43	15708	81.41	ug/l	97
17) Carbon Disulfide	4.198	76	43231	21.18	ug/l	100
18) Methyl Acetate	4.479	43	9154	20.19	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	37781	20.37	ug/l	99
20) Methylene Chloride	4.722	84	16859	21.62	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	14411	20.30	ug/l	95
22) Diisopropyl ether	6.125	45	49021	20.83	ug/l	98
23) Vinyl Acetate	6.064	43	157736	98.99	ug/l	100
24) 1,1-Dichloroethane	6.021	63	25882	20.56	ug/l	98
25) 2-Butanone	6.996	43	25076	91.21	ug/l	98
26) 2,2-Dichloropropane	6.984	77	22940	19.71	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	16310	20.91	ug/l	98
28) Bromochloromethane	7.338	49	11335	20.38	ug/l	96
29) Tetrahydrofuran	7.350	42	16409	92.47	ug/l	98
30) Chloroform	7.509	83	26401	20.68	ug/l	98
31) Cyclohexane	7.783	56	25351	19.79	ug/l #	93
32) 1,1,1-Trichloroethane	7.704	97	23765	20.27	ug/l	99
36) 1,1-Dichloropropene	7.917	75	20343	19.48	ug/l	99
37) Ethyl Acetate	7.076	43	11653	18.87	ug/l	98
38) Carbon Tetrachloride	7.899	117	21494	19.93	ug/l	99
39) Methylcyclohexane	9.185	83	24824	19.67	ug/l	95
40) Benzene	8.161	78	58812	20.27	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	5522m	16.92	ug/l	
42) 1,2-Dichloroethane	8.240	62	19273	20.22	ug/l	100
43) Isopropyl Acetate	8.271	43	22132	19.02	ug/l	99
44) Trichloroethene	8.935	130	16000	19.96	ug/l	95
45) 1,2-Dichloropropane	9.216	63	14600	20.53	ug/l	95
46) Dibromomethane	9.307	93	7828	19.68	ug/l	99
47) Bromodichloromethane	9.496	83	21164	20.81	ug/l	97
48) Methyl methacrylate	9.289	41	10913	19.17	ug/l	96
49) 1,4-Dioxane	9.295	88	1658	345.82	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	57210	95.18	ug/l	100
52) Toluene	10.240	92	36444	20.09	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	21718	19.85	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	24275	19.83	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	11322	20.09	ug/l	96
56) Ethyl methacrylate	10.508	69	15557	19.33	ug/l	98
57) 1,3-Dichloropropane	10.788	76	19717	19.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	38567	105.66	ug/l	99
59) 2-Hexanone	10.831	43	39453	93.13	ug/l	96
60) Dibromochloromethane	10.983	129	14105	19.83	ug/l	100
61) 1,2-Dibromoethane	11.087	107	11031	19.96	ug/l	96
64) Tetrachloroethene	10.715	164	17570	19.78	ug/l	98
65) Chlorobenzene	11.514	112	38678	19.93	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	14415	19.43	ug/l	99
67) Ethyl Benzene	11.593	91	72078	19.79	ug/l	98
68) m/p-Xylenes	11.697	106	53046	39.49	ug/l	99
69) o-Xylene	12.026	106	25239	20.00	ug/l	99
70) Styrene	12.038	104	43666	20.14	ug/l	100
71) Bromoform	12.209	173	9389	19.79	ug/l #	98
73) Isopropylbenzene	12.325	105	69390	20.58	ug/l	99
74) N-amyl acetate	12.142	43	20154	19.79	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	12127	19.76	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	9579m	20.10	ug/l	
77) Bromobenzene	12.605	156	17069	20.57	ug/l	99
78) n-propylbenzene	12.666	91	83928	20.79	ug/l	99
79) 2-Chlorotoluene	12.751	91	46862	20.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	59722	20.77	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4920	19.16	ug/l	95
82) 4-Chlorotoluene	12.849	91	49906	20.77	ug/l	98
83) tert-Butylbenzene	13.075	119	50945	20.68	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	59564	20.67	ug/l	99
85) sec-Butylbenzene	13.251	105	68076	20.18	ug/l	100
86) p-Isopropyltoluene	13.367	119	61620	19.61	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	31444	19.89	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	30788	19.61	ug/l	96
89) n-Butylbenzene	13.690	91	57464	19.70	ug/l	100
90) Hexachloroethane	13.959	117	11233	20.05	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	27894	19.95	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2228	18.95	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	19623	19.54	ug/l	98
94) Hexachlorobutadiene	15.111	225	12997	20.49	ug/l	98
95) Naphthalene	15.233	128	34863	19.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	16890	19.72	ug/l	99

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

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