

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004037.D
 Acq On : 22 Feb 2021 16:14
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
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 2/23/2021 1:06:45 PM

Quant Time: Feb 23 04:05:12 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	7.789	168	65641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	101377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	40868	55.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.58%			
35) Dibromofluoromethane	7.716	113	32082	52.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.98%			
50) Toluene-d8	10.179	98	130492	53.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.50%			
62) 4-Bromofluorobenzene	12.477	95	46188	53.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.70%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14415	23.14	ug/l	95
3) Chloromethane	2.113	50	21471	23.08	ug/l	100
4) Vinyl Chloride	2.253	62	19912	22.06	ug/l	97
5) Bromomethane	2.649	94	13662	22.58	ug/l	96
6) Chloroethane	2.796	64	11874	21.79	ug/l	96
7) Trichlorofluoromethane	3.125	101	23713	21.01	ug/l	99
8) Diethyl Ether	3.527	74	7638	21.15	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	12153	20.14	ug/l	98
10) Methyl Iodide	4.094	142	14641	19.31	ug/l	98
11) Tert butyl alcohol	4.966	59	7375	58.24	ug/l	100
12) 1,1-Dichloroethene	3.875	96	12721	20.99	ug/l	96
13) Acrolein	3.735	56	7857	107.85	ug/l	100
14) Allyl chloride	4.478	41	24205	21.07	ug/l	98
15) Acrylonitrile	5.167	53	19853	104.28	ug/l	98
16) Acetone	3.948	43	16712	90.28	ug/l	98
17) Carbon Disulfide	4.198	76	42050	21.48	ug/l	98
18) Methyl Acetate	4.478	43	9473	21.78	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	38191	21.46	ug/l	97
20) Methylene Chloride	4.722	84	17164	22.94	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	14348	21.06	ug/l	98
22) Diisopropyl ether	6.118	45	47943	21.24	ug/l	94
23) Vinyl Acetate	6.063	43	160475	104.96	ug/l	99
24) 1,1-Dichloroethane	6.021	63	25350	20.99	ug/l	99
25) 2-Butanone	6.990	43	26132	99.06	ug/l	99
26) 2,2-Dichloropropane	6.990	77	22620	20.26	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	15855	21.19	ug/l	98
28) Bromochloromethane	7.331	49	11632	21.80	ug/l	98
29) Tetrahydrofuran	7.350	42	17096	100.42	ug/l	100
30) Chloroform	7.508	83	25869	21.12	ug/l	100
31) Cyclohexane	7.783	56	24912	20.27	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	23866	21.21	ug/l	99
36) 1,1-Dichloropropene	7.917	75	20031	19.73	ug/l	99
37) Ethyl Acetate	7.075	43	12036	20.05	ug/l	99
38) Carbon Tetrachloride	7.905	117	21228	20.25	ug/l	96
39) Methylcyclohexane	9.185	83	24291	19.80	ug/l	97
40) Benzene	8.161	78	57863	20.52	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5703m	17.98	ug/l	
42) 1,2-Dichloroethane	8.240	62	19726	21.30	ug/l	100
43) Isopropyl Acetate	8.276	43	22901	20.25	ug/l	99
44) Trichloroethene	8.941	130	15889	20.40	ug/l	97
45) 1,2-Dichloropropane	9.215	63	14255	20.63	ug/l	94
46) Dibromomethane	9.301	93	7711	19.95	ug/l	98
47) Bromodichloromethane	9.496	83	20486	20.73	ug/l	98
48) Methyl methacrylate	9.288	41	11178	20.21	ug/l	94
49) 1,4-Dioxane	9.301	88	1735	372.35	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	59097	101.17	ug/l	98
52) Toluene	10.240	92	35263	20.00	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	21755	20.46	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	23988	20.16	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	10954	20.00	ug/l	97
56) Ethyl methacrylate	10.508	69	15411	19.70	ug/l	94
57) 1,3-Dichloropropane	10.788	76	19664	20.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	39510	111.38	ug/l	100
59) 2-Hexanone	10.831	43	40407	98.14	ug/l	97
60) Dibromochloromethane	10.983	129	14188	20.53	ug/l	99
61) 1,2-Dibromoethane	11.087	107	10887	20.27	ug/l	97
64) Tetrachloroethene	10.715	164	16930	19.76	ug/l	98
65) Chlorobenzene	11.514	112	37989	20.29	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	14433	20.18	ug/l	98
67) Ethyl Benzene	11.593	91	70026	19.94	ug/l	98
68) m/p-Xylenes	11.703	106	52767	40.74	ug/l	99
69) o-Xylene	12.026	106	24552	20.17	ug/l	100
70) Styrene	12.044	104	42141	20.15	ug/l	97
71) Bromoform	12.209	173	9290	20.31	ug/l #	100
73) Isopropylbenzene	12.331	105	68251	20.00	ug/l	100
74) N-amyl acetate	12.142	43	20559	19.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	12044	19.38	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	10202m	21.15	ug/l	
77) Bromobenzene	12.611	156	17085	20.34	ug/l	99
78) n-propylbenzene	12.672	91	80136	19.61	ug/l	99
79) 2-Chlorotoluene	12.757	91	46468	20.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	58425	20.07	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	4831	18.59	ug/l	93
82) 4-Chlorotoluene	12.855	91	49165	20.21	ug/l	99
83) tert-Butylbenzene	13.074	119	49081	19.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	58005	19.89	ug/l	99
85) sec-Butylbenzene	13.251	105	67740	19.84	ug/l	100
86) p-Isopropyltoluene	13.367	119	63086	19.84	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	32514	20.32	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	31869	20.05	ug/l	97
89) n-Butylbenzene	13.696	91	58372	19.77	ug/l	99
90) Hexachloroethane	13.958	117	11338	19.99	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	28632	20.23	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2440	20.51	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	19901	19.57	ug/l	99
94) Hexachlorobutadiene	15.111	225	13269	20.67	ug/l	99
95) Naphthalene	15.233	128	35726	19.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	17046	19.66	ug/l	98

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

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