

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004517.D
 Acq On : 20 Apr 2021 10:41
 Operator : SY/MD
 Sample : VY0420SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

Manual Integrations
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 4/21/2021 4:31:37 PM

Quant Time: Apr 21 08:47:59 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	7.795	168	145515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83831	51.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.70%			
35) Dibromofluoromethane	7.728	113	67350	51.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.84%			
50) Toluene-d8	10.185	98	289908	52.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.06%			
62) 4-Bromofluorobenzene	12.483	95	95480	50.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	26090	19.35	ug/l	95
3) Chloromethane	2.119	50	39736	20.38	ug/l	98
4) Vinyl Chloride	2.259	62	42222	20.51	ug/l	99
5) Bromomethane	2.643	94	22072	21.97	ug/l	95
6) Chloroethane	2.796	64	26680	21.61	ug/l	99
7) Trichlorofluoromethane	3.125	101	52479	20.38	ug/l	99
8) Diethyl Ether	3.534	74	17380	19.97	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	28915	20.24	ug/l	98
10) Methyl Iodide	4.101	142	31754	18.58	ug/l	100
11) Tert butyl alcohol	4.978	59	15920	99.91	ug/l	100
12) 1,1-Dichloroethene	3.881	96	28791	20.38	ug/l	95
13) Acrolein	3.741	56	16236	91.66	ug/l	99
14) Allyl chloride	4.485	41	55571	20.57	ug/l	97
15) Acrylonitrile	5.180	53	47505	101.74	ug/l	98
16) Acetone	3.954	43	37443	97.37	ug/l	91
17) Carbon Disulfide	4.204	76	87799	20.19	ug/l	98
18) Methyl Acetate	4.491	43	22759	20.21	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	84421	19.89	ug/l	99
20) Methylene Chloride	4.722	84	33444	21.42	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	33531	20.98	ug/l	94
22) Diisopropyl ether	6.131	45	117711	20.61	ug/l	95
23) Vinyl Acetate	6.076	43	400673	103.07	ug/l	99
24) 1,1-Dichloroethane	6.027	63	60867	20.86	ug/l	99
25) 2-Butanone	6.996	43	63608	103.28	ug/l	99
26) 2,2-Dichloropropane	6.990	77	53723	20.52	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	36196	20.24	ug/l	97
28) Bromochloromethane	7.344	49	27025	20.38	ug/l	98
29) Tetrahydrofuran	7.356	42	44705	101.60	ug/l	98
30) Chloroform	7.515	83	60650	21.16	ug/l	93
31) Cyclohexane	7.789	56	58796	19.84	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	52645	20.24	ug/l	100
36) 1,1-Dichloropropene	7.923	75	47020	20.05	ug/l	100
37) Ethyl Acetate	7.088	43	31139	20.62	ug/l	98
38) Carbon Tetrachloride	7.905	117	41371	20.40	ug/l	97
39) Methylcyclohexane	9.191	83	57096	19.77	ug/l	98
40) Benzene	8.167	78	137032	20.79	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	18604m	20.32	ug/l	
42) 1,2-Dichloroethane	8.246	62	42269	20.44	ug/l	99
43) Isopropyl Acetate	8.283	43	59440	20.76	ug/l	99
44) Trichloroethene	8.941	130	37494	20.86	ug/l	99
45) 1,2-Dichloropropane	9.222	63	35937	21.13	ug/l	97
46) Dibromomethane	9.313	93	18866	20.37	ug/l	98
47) Bromodichloromethane	9.502	83	46790	20.87	ug/l	99
48) Methyl methacrylate	9.295	41	26885	20.39	ug/l	98
49) 1,4-Dioxane	9.307	88	4896	404.77	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	152738	103.85	ug/l	98
52) Toluene	10.246	92	85056	19.94	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	50111	20.26	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	57620	20.52	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	26002	20.37	ug/l	97
56) Ethyl methacrylate	10.514	69	36364	19.65	ug/l	98
57) 1,3-Dichloropropane	10.794	76	47570	20.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	96425	101.84	ug/l	99
59) 2-Hexanone	10.837	43	101157	102.60	ug/l	99
60) Dibromochloromethane	10.990	129	31657	20.87	ug/l	98
61) 1,2-Dibromoethane	11.093	107	25294	20.56	ug/l	99
64) Tetrachloroethene	10.721	164	38362	20.69	ug/l	98
65) Chlorobenzene	11.520	112	88495	20.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	31964	20.60	ug/l	99
67) Ethyl Benzene	11.593	91	162430	19.97	ug/l	99
68) m/p-Xylenes	11.703	106	121317	40.14	ug/l	100
69) o-Xylene	12.032	106	56077	19.80	ug/l	98
70) Styrene	12.044	104	93130	19.85	ug/l	99
71) Bromoform	12.209	173	18140	19.71	ug/l #	99
73) Isopropylbenzene	12.331	105	154683	19.71	ug/l	100
74) N-amyl acetate	12.148	43	52663	19.93	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	29757	20.04	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21317m	19.56	ug/l	
77) Bromobenzene	12.611	156	35219	20.02	ug/l	97
78) n-propylbenzene	12.672	91	185412	20.00	ug/l	100
79) 2-Chlorotoluene	12.758	91	101297	19.98	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	128483	20.14	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11617	19.06	ug/l	96
82) 4-Chlorotoluene	12.855	91	105802	19.76	ug/l	98
83) tert-Butylbenzene	13.075	119	106758	19.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	128683	19.99	ug/l	98
85) sec-Butylbenzene	13.257	105	152924	20.08	ug/l	100
86) p-Isopropyltoluene	13.367	119	137751	19.88	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	67469	20.53	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	66042	19.97	ug/l	99
89) n-Butylbenzene	13.696	91	134307	20.31	ug/l	99
90) Hexachloroethane	13.959	117	19045	20.49	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	59469	20.39	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5560	20.87	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	38808	20.12	ug/l	98
94) Hexachlorobutadiene	15.111	225	21178	21.03	ug/l	98
95) Naphthalene	15.239	128	82439	19.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	35156	20.66	ug/l	98

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

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