

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021813.D
 Acq On : 17 Aug 2021 13:43
 Operator : SY/MD
 Sample : M3364-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKC7MSD

Quant Time: Aug 18 02:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	438638	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	414739	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	212981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148214	43.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.440%
7) Chloroethane-d5	1.558	69	115907	44.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.580%
11) 1,1-Dichloroethene-d2	2.105	63	200543	36.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.480%
21) 2-Butanone-d5	3.873	46	219468	102.906	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.910%
24) Chloroform-d	4.349	84	281667	47.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
26) 1,2-Dichloroethane-d4	5.034	65	166620	48.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
32) Benzene-d6	5.050	84	570067	47.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	178910	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.340%
41) Toluene-d8	7.317	98	520181	47.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
43) trans-1,3-Dichloroprop...	7.625	79	78226	42.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.600%
47) 2-Hexanone-d5	8.088	63	135786	111.550	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.550%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	249029	54.108	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	207896	47.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	150086	44.227	ug/L	99
3) Chloromethane	1.240	50	164060	46.552	ug/L	99
5) Vinyl chloride	1.307	62	159177	45.869	ug/L	100
6) Bromomethane	1.507	94	100084	47.983	ug/L	99
8) Chloroethane	1.577	64	97639	47.084	ug/L	98
9) Trichlorofluoromethane	1.748	101	217671	45.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	98185	36.068	ug/L	97
12) 1,1-Dichloroethene	2.114	96	98980	38.173	ug/L	98
13) Acetone	2.159	43	110502	62.970	ug/L	# 100
14) Carbon disulfide	2.291	76	343667	39.392	ug/L	100
15) Methyl Acetate	2.426	43	79089	24.533	ug/L	95
16) Methylene chloride	2.503	84	137273	38.061	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	128563	42.254	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	416288	44.488	ug/L	99
19) 1,1-Dichloroethane	3.188	63	232438	42.916	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	169123	48.002	ug/L	97
22) 2-Butanone	3.957	43	235449	92.130	ug/L	99
23) Bromochloromethane	4.249	128	89429	47.842	ug/L	97
25) Chloroform	4.378	83	275931	47.348	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	198979	48.460	ug/L	100
29) Cyclohexane	4.677	56	235885	46.181	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	245330	47.273	ug/L	99
31) Carbon tetrachloride	4.828	117	209078	46.560	ug/L	100
33) Benzene	5.101	78	614570	48.153	ug/L	100
34) Trichloroethene	5.915	95	158939	43.336	ug/L	99
35) Methylcyclohexane	6.133	83	235684	44.047	ug/L	98
37) 1,2-Dichloropropane	6.175	63	157281	48.669	ug/L	100
38) Bromodichloromethane	6.513	83	206093	48.386	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	231521	45.243	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	459600	103.388	ug/L	99
42) Toluene	7.391	91	651210	47.774	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	214856	44.553	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	161079	49.756	ug/L	99
46) Tetrachloroethene	7.979	164	121780	44.679	ug/L	99
48) 2-Hexanone	8.140	43	338428	98.282	ug/L	98
49) Dibromochloromethane	8.249	129	175383	49.067	ug/L	99
50) 1,2-Dibromoethane	8.355	107	175072	49.694	ug/L	98
51) Chlorobenzene	8.883	112	425994	47.865	ug/L	99
52) Ethylbenzene	9.014	91	688122	47.319	ug/L	99
53) m,p-Xylene	9.140	106	264733	46.972	ug/L	99
54) o-Xylene	9.545	106	274506	49.136	ug/L	97
55) Styrene	9.561	104	456450	48.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	253110	56.162	ug/L	98
59) Bromoform	9.735	173	128920	50.920	ug/L	100
60) Isopropylbenzene	9.934	105	690348	48.347	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	200012	50.817	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	580293	48.428	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	592502	48.632	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	327477	47.359	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	324142	46.962	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	335096	48.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	52450	54.810	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225306	44.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	200455	47.684	ug/L	99
71) Naphthalene	13.503	128	694955	56.912	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	206799	48.969	ug/L	99

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

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