

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV021995.D
 Acq On : 30 Aug 2021 11:26
 Operator : SY/MD
 Sample : M3573-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESQK5MS

Quant Time: Aug 31 02:36:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 02:34:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	347298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	336523	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110206	45.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.640%
7) Chloroethane-d5	1.561	69	90708	48.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.108	63	190033	47.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
21) 2-Butanone-d5	3.873	46	176316	106.894	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.890%
24) Chloroform-d	4.349	84	217451	49.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	5.034	65	131571	50.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.880%
32) Benzene-d6	5.050	84	446151	48.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	6.072	67	141426	49.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.540%
41) Toluene-d8	7.317	98	421137	48.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.760%
43) trans-1,3-Dichloroprop...	7.625	79	65518	47.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.900%
47) 2-Hexanone-d5	8.088	63	123699	112.309	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.310%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	199061	54.146	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.300%
66) 1,2-Dichlorobenzene-d4	11.628	152	172523	48.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	110295	46.201	ug/L	98
3) Chloromethane	1.240	50	120934	47.841	ug/L	99
5) Vinyl chloride	1.307	62	126022	49.462	ug/L	100
6) Bromomethane	1.513	94	78075	50.968	ug/L	98
8) Chloroethane	1.580	64	79878	50.115	ug/L	99
9) Trichlorofluoromethane	1.751	101	181163	49.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	99707	46.852	ug/L	99
12) 1,1-Dichloroethene	2.114	96	100266	50.051	ug/L	95
13) Acetone	2.159	43	105158	76.090	ug/L #	74
14) Carbon disulfide	2.291	76	298693	49.414	ug/L	100
15) Methyl Acetate	2.426	43	139744	51.923	ug/L	100
16) Methylene chloride	2.503	84	135087	50.331	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	121886	50.321	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	390587	50.745	ug/L	99
19) 1,1-Dichloroethane	3.191	63	220637	51.144	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	137240	50.907	ug/L	99
22) 2-Butanone	3.960	43	185286	95.378	ug/L	99
23) Bromochloromethane	4.246	128	73303	51.057	ug/L	98
25) Chloroform	4.378	83	235575	51.585	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	161519	52.764	ug/L	98
29) Cyclohexane	4.677	56	176714	46.975	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	199466	49.872	ug/L	99
31) Carbon tetrachloride	4.828	117	168541	49.048	ug/L	99
33) Benzene	5.101	78	492334	50.285	ug/L	100
34) Trichloroethene	5.915	95	129853	46.822	ug/L	99
35) Methylcyclohexane	6.133	83	177524	43.786	ug/L	99
37) 1,2-Dichloropropane	6.175	63	128213	50.518	ug/L	99
38) Bromodichloromethane	6.513	83	167630	51.648	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	188581	48.127	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	367006	106.665	ug/L	99
42) Toluene	7.391	91	527771	49.944	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	187393	51.384	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	131558	50.945	ug/L	99
46) Tetrachloroethene	7.979	164	101967	47.284	ug/L	98
48) 2-Hexanone	8.140	43	276730	103.658	ug/L	99
49) Dibromochloromethane	8.249	129	143080	51.762	ug/L	100
50) 1,2-Dibromoethane	8.355	107	144677	52.202	ug/L	99
51) Chlorobenzene	8.882	112	349381	49.176	ug/L	99
52) Ethylbenzene	9.014	91	566868	49.555	ug/L	99
53) m,p-Xylene	9.140	106	216946	48.794	ug/L	98
54) o-Xylene	9.545	106	218293	49.620	ug/L	99
55) Styrene	9.564	104	383293	51.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	213197	56.981	ug/L	99
59) Bromoform	9.735	173	102244	53.176	ug/L	100
60) Isopropylbenzene	9.934	105	574494	50.504	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	164501	52.430	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	475625	49.805	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	486973	50.169	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	284646	49.285	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	285248	48.266	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	289254	50.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	42299	55.939	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	201216	46.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	180558	47.528	ug/L	100
71) Naphthalene	13.503	128	568465	52.018	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	183909	49.632	ug/L	99

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

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