

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048446.D
 Acq On : 05 May 2022 18:45
 Operator : SY/MD
 Sample : N2710-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MS

Quant Time: May 06 05:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340246	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	136859	43.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.887	69	105500	48.037	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	2.565	63	249834	49.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.660%
21) 2-Butanone-d5	4.620	46	252028	94.443	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.063	84	267461	47.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
26) 1,2-Dichloroethane-d4	5.700	65	152364	45.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
32) Benzene-d6	5.726	84	552029	49.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
36) 1,2-Dichloropropane-d6	6.690	67	177890	48.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	7.899	98	506891	50.373	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
43) trans-1,3-Dichloroprop...	8.179	79	77395	47.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.580%
47) 2-Hexanone-d5	8.636	63	196224	99.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	320496	49.791	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	239940	49.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	166467	64.748	ug/L	100
3) Chloromethane	1.520	50	190931	64.883	ug/L	99
5) Vinyl chloride	1.604	62	208800	70.412	ug/L	99
6) Bromomethane	1.829	94	82571	60.587	ug/L	99
8) Chloroethane	1.912	64	129828	77.429	ug/L	99
9) Trichlorofluoromethane	2.125	101	291845	75.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	198899	77.600	ug/L	98
12) 1,1-Dichloroethene	2.575	96	172825	77.246	ug/L	87
13) Acetone	2.626	43	246419	143.837	ug/L	96
14) Carbon disulfide	2.787	76	323893	59.400	ug/L	100
15) Methyl Acetate	2.944	43	267083	78.536	ug/L	99
16) Methylene chloride	3.044	84	242756	84.161	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	183885	79.117	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	728447	94.990	ug/L	98
19) 1,1-Dichloroethane	3.867	63	408075	83.961	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	250776	89.511	ug/L	93
22) 2-Butanone	4.700	43	437298	172.618	ug/L	97
23) Bromochloromethane	4.973	128	139421	89.135	ug/L	95
25) Chloroform	5.086	83	432489	87.142	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	294077	81.235	ug/L	97
29) Cyclohexane	5.388	56	268832	80.834	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	346571	87.068	ug/L	98
31) Carbon tetrachloride	5.523	117	287489	84.740	ug/L	100
33) Benzene	5.774	78	907852	87.113	ug/L	100
34) Trichloroethene	6.542	95	218448	85.517	ug/L	97
35) Methylcyclohexane	6.761	83	290899	81.114	ug/L	97
37) 1,2-Dichloropropane	6.790	63	263936	89.014	ug/L	99
38) Bromodichloromethane	7.105	83	327979	87.589	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	374920	89.921	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	879810	196.731	ug/L	98
42) Toluene	7.970	91	980532	89.616	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	364250	89.426	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	284773	91.540	ug/L	98
46) Tetrachloroethene	8.552	164	186318	84.987	ug/L	98
48) 2-Hexanone	8.687	43	711211	190.441	ug/L	97
49) Dibromochloromethane	8.812	129	311779	91.205	ug/L	99
50) 1,2-Dibromoethane	8.925	107	282868	89.665	ug/L	98
51) Chlorobenzene	9.446	112	712038	90.283	ug/L	98
52) Ethylbenzene	9.571	91	1072199	94.622	ug/L	98
53) m,p-Xylene	9.693	106	445644	99.661	ug/L	95
54) o-Xylene	10.102	106	462859	102.749	ug/L	96
55) Styrene	10.115	104	802772	104.608	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	575276	93.697	ug/L	100
59) Bromoform	10.291	173	278296	89.688	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	436783	87.569	ug/L	100
61) Isopropylbenzene	10.484	105	1156852	96.770	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	638337	101.309	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	988812	102.073	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	621486	92.728	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	611161	89.321	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	650713	92.164	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	116267	87.318	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	464815	93.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	380597	96.733	ug/L	99
71) Naphthalene	14.086	128	1214003	107.817	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	399582	99.097	ug/L	98

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

