

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048447.D
 Acq On : 05 May 2022 19:09
 Operator : SY/MD
 Sample : N2710-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MSD

Quant Time: May 06 05:41:55 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	6.247	114	337078	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	344909	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	200490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	133668	43.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.240%
7) Chloroethane-d5	1.890	69	102002	46.881	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	2.562	63	210398	42.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.720%
21) 2-Butanone-d5	4.620	46	244054	92.314	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.310%
24) Chloroform-d	5.064	84	257603	45.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	5.700	65	149659	44.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
32) Benzene-d6	5.726	84	541319	49.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	6.690	67	177540	49.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.740%
41) Toluene-d8	7.896	98	496811	50.385	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
43) trans-1,3-Dichloroprop...	8.179	79	76855	48.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
47) 2-Hexanone-d5	8.636	63	192026	98.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.970%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	307961	48.827	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	224831	49.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	92029	36.132	ug/L	100
3) Chloromethane	1.520	50	107567	36.898	ug/L	98
5) Vinyl chloride	1.604	62	115740	39.397	ug/L	94
6) Bromomethane	1.829	94	49172	36.419	ug/L	98
8) Chloroethane	1.913	64	71944	43.310	ug/L	96
9) Trichlorofluoromethane	2.125	101	162210	42.368	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	112216	44.193	ug/L	98
12) 1,1-Dichloroethene	2.575	96	96879	43.708	ug/L	97
13) Acetone	2.626	43	133819	78.846	ug/L	95
14) Carbon disulfide	2.790	76	181385	33.577	ug/L	100
15) Methyl Acetate	2.948	43	147966	43.918	ug/L	98
16) Methylene chloride	3.044	84	134522	47.076	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	103507	44.952	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	397704	52.348	ug/L	99
19) 1,1-Dichloroethane	3.867	63	223745	46.468	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	140583	50.651	ug/L	91
22) 2-Butanone	4.700	43	238932	95.202	ug/L	98
23) Bromochloromethane	4.973	128	77078	49.741	ug/L	95
25) Chloroform	5.086	83	239159	48.641	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	162294	45.253	ug/L	97
29) Cyclohexane	5.388	56	146705	45.018	ug/L	98
30) 1,1,1-Trichloroethane	5.318	97	192575	49.373	ug/L	98
31) Carbon tetrachloride	5.523	117	161975	48.724	ug/L	100
33) Benzene	5.774	78	502726	49.230	ug/L	100
34) Trichloroethene	6.543	95	121970	48.729	ug/L	97
35) Methylcyclohexane	6.761	83	158249	45.032	ug/L	97
37) 1,2-Dichloropropane	6.790	63	148320	51.049	ug/L	98
38) Bromodichloromethane	7.105	83	180072	49.077	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	204603	50.080	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	473841	108.130	ug/L	98
42) Toluene	7.970	91	542885	50.636	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	199305	49.936	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	156697	51.405	ug/L	98
46) Tetrachloroethene	8.552	164	104309	48.557	ug/L	98
48) 2-Hexanone	8.687	43	394469	107.796	ug/L	98
49) Dibromochloromethane	8.809	129	170955	51.037	ug/L	99
50) 1,2-Dibromoethane	8.922	107	157320	50.892	ug/L	98
51) Chlorobenzene	9.446	112	390666	50.552	ug/L	98
52) Ethylbenzene	9.571	91	571087	51.434	ug/L	98
53) m,p-Xylene	9.694	106	237250	54.147	ug/L	95
54) o-Xylene	10.102	106	249505	56.525	ug/L	96
55) Styrene	10.115	104	426468	56.713	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	317308	52.742	ug/L	100
59) Bromoform	10.292	173	150560	51.745	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	238062	50.899	ug/L	99
61) Isopropylbenzene	10.485	105	614630	54.829	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	332129	56.213	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	517795	57.002	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	335837	53.437	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	329221	51.312	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	354375	53.526	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	61206	49.020	ug/L	87
69) 1,3,5-Trichlorobenzene	13.218	180	252974	54.170	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	215786	58.488	ug/L	99
71) Naphthalene	14.086	128	736081	69.715	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	232393	61.463	ug/L	99

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

