

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048289.D
 Acq On : 25 Apr 2022 23:38
 Operator : SY/MD
 Sample : N2518-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MS

Quant Time: Apr 26 02:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	367041	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	215492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	141839	42.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.040%
7) Chloroethane-d5	1.883	69	116719	49.265	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.540%
11) 1,1-Dichloroethene-d2	2.562	63	243835	45.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.180%
21) 2-Butanone-d5	4.620	46	287867	99.998	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.000%
24) Chloroform-d	5.063	84	285515	46.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
26) 1,2-Dichloroethane-d4	5.700	65	170261	46.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
32) Benzene-d6	5.726	84	577793	47.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	6.690	67	196944	48.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	7.896	98	532715	47.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.179	79	82167	45.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.635	63	232601	106.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	350617	49.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	238684	49.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	127476	45.963	ug/L	99
3) Chloromethane	1.520	50	146787	46.240	ug/L	100
5) Vinyl chloride	1.604	62	152148	47.562	ug/L	99
6) Bromomethane	1.829	94	60125	40.896	ug/L	98
8) Chloroethane	1.909	64	93892	51.909	ug/L	99
9) Trichlorofluoromethane	2.124	101	201718	48.387	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	126291	45.675	ug/L	99
12) 1,1-Dichloroethene	2.575	96	114994	47.646	ug/L	97
13) Acetone	2.626	43	149823	81.069	ug/L	98
14) Carbon disulfide	2.787	76	270568	45.998	ug/L	99
15) Methyl Acetate	2.944	43	169235	46.131	ug/L	99
16) Methylene chloride	3.044	84	150097	48.238	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	118452	47.243	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	415426	50.217	ug/L	100
19) 1,1-Dichloroethane	3.867	63	249525	47.592	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	148336	49.081	ug/L	99
22) 2-Butanone	4.700	43	265420	97.123	ug/L	100
23) Bromochloromethane	4.976	128	82744	49.038	ug/L	98
25) Chloroform	5.086	83	259077	48.390	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	203666	52.153	ug/L	100
29) Cyclohexane	5.388	56	180774	49.125	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	210430	47.778	ug/L	100
31) Carbon tetrachloride	5.523	117	174899	46.592	ug/L	99
33) Benzene	5.774	78	571041	49.521	ug/L	100
34) Trichloroethene	6.542	95	137087	48.502	ug/L	99
35) Methylcyclohexane	6.761	83	191032	48.141	ug/L	99
37) 1,2-Dichloropropane	6.790	63	159091	48.491	ug/L	100
38) Bromodichloromethane	7.105	83	195448	47.173	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	213887	46.362	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	525835	106.265	ug/L	99
42) Toluene	7.970	91	600129	49.571	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	208443	46.250	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	168226	48.872	ug/L	99
46) Tetrachloroethene	8.552	164	110143	45.406	ug/L	99
48) 2-Hexanone	8.687	43	436543	105.645	ug/L	100
49) Dibromochloromethane	8.812	129	177306	46.876	ug/L	99
50) 1,2-Dibromoethane	8.925	107	172765	49.494	ug/L	100
51) Chlorobenzene	9.446	112	421276	48.276	ug/L	100
52) Ethylbenzene	9.571	91	641980	51.203	ug/L	100
53) m,p-Xylene	9.693	106	256438	51.829	ug/L	100
54) o-Xylene	10.102	106	265458	53.258	ug/L	99
55) Styrene	10.115	104	458430	53.989	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	336313	49.505	ug/L	100
59) Bromoform	10.291	173	156926	50.178	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	255338	50.792	ug/L	100
61) Isopropylbenzene	10.484	105	640195	53.133	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	340307	53.587	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	535254	54.822	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	334949	49.585	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	334098	48.447	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	351210	49.355	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	66033	49.205	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	236661	47.148	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	187515	47.287	ug/L	99
71) Naphthalene	14.085	128	578107	50.941	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	200953	49.447	ug/L	99

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

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