

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048449.D
 Acq On : 05 May 2022 19:57
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050116

Quant Time: May 06 05:42:53 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	355211	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	203359	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	138936	42.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.060%
7) Chloroethane-d5	1.896	69	104872	45.739	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	2.565	63	221032	42.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
21) 2-Butanone-d5	4.620	46	256219	91.968	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.970%
24) Chloroform-d	5.063	84	265256	44.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
26) 1,2-Dichloroethane-d4	5.700	65	153484	43.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.320%
32) Benzene-d6	5.726	84	563975	50.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.060%
36) 1,2-Dichloropropane-d6	6.690	67	182863	49.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.899	98	519724	51.371	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.740%
43) trans-1,3-Dichloroprop...	8.179	79	78213	48.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
47) 2-Hexanone-d5	8.632	63	189459	95.166	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.170%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	307893	47.576	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	226096	49.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	94959	35.379	ug/L	99
3) Chloromethane	1.520	50	109805	35.742	ug/L	100
5) Vinyl chloride	1.604	62	119424	38.576	ug/L	95
6) Bromomethane	1.832	94	61889	43.498	ug/L	97
8) Chloroethane	1.919	64	73031	41.720	ug/L	99
9) Trichlorofluoromethane	2.131	101	169289	41.960	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	117127	43.772	ug/L	98
12) 1,1-Dichloroethene	2.575	96	101089	43.280	ug/L	86
13) Acetone	2.626	43	138593	77.490	ug/L	94
14) Carbon disulfide	2.790	76	188844	33.174	ug/L	100
15) Methyl Acetate	2.948	43	162480	45.764	ug/L	99
16) Methylene chloride	3.044	84	143175	47.546	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	107043	44.115	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	413172	51.608	ug/L	98
19) 1,1-Dichloroethane	3.867	63	231248	45.575	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	143094	48.924	ug/L	92
22) 2-Butanone	4.700	43	242126	91.550	ug/L	95
23) Bromochloromethane	4.976	128	79553	48.718	ug/L	95
25) Chloroform	5.089	83	247006	47.672	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	169712	44.905	ug/L	97
29) Cyclohexane	5.388	56	152740	45.680	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	200375	50.069	ug/L	98
31) Carbon tetrachloride	5.526	117	165836	48.619	ug/L	99
33) Benzene	5.774	78	520834	49.708	ug/L	100
34) Trichloroethene	6.542	95	124142	48.337	ug/L	97
35) Methylcyclohexane	6.764	83	168063	46.610	ug/L	97
37) 1,2-Dichloropropane	6.790	63	150956	50.637	ug/L	99
38) Bromodichloromethane	7.105	83	187218	49.729	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	212861	50.778	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	474257	105.476	ug/L	98
42) Toluene	7.970	91	562076	51.095	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	204571	49.953	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	160256	51.237	ug/L	98
46) Tetrachloroethene	8.555	164	107308	48.684	ug/L	97
48) 2-Hexanone	8.684	43	390158	103.911	ug/L	97
49) Dibromochloromethane	8.809	129	172120	50.080	ug/L	100
50) 1,2-Dibromoethane	8.925	107	161854	51.029	ug/L	98
51) Chlorobenzene	9.446	112	397237	50.097	ug/L	98
52) Ethylbenzene	9.571	91	592596	52.015	ug/L	99
53) m,p-Xylene	9.693	106	240695	53.538	ug/L	96
54) o-Xylene	10.102	106	254584	56.211	ug/L	95
55) Styrene	10.115	104	425295	55.121	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	310783	50.346	ug/L	99
59) Bromoform	10.291	173	151614	51.372	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	236167	49.781	ug/L	99
61) Isopropylbenzene	10.484	105	628613	55.285	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	337484	56.314	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	520019	56.439	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	335964	52.703	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	332778	51.134	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	356427	53.077	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	62465	49.323	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	254938	53.820	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	215842	57.678	ug/L	99
71) Naphthalene	14.085	128	714639	66.729	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	232277	60.565	ug/L	99

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

