

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048552.D
 Acq On : 12 May 2022 19:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050125

Quant Time: May 13 04:01:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	281817	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	281566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75843	31.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.500%
7) Chloroethane-d5	1.913	69	60869	38.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.860%
11) 1,1-Dichloroethene-d2	2.568	63	175773	40.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.380%
21) 2-Butanone-d5	4.626	46	185860	89.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.920%
24) Chloroform-d	5.064	84	211331	50.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.260%
26) 1,2-Dichloroethane-d4	5.703	65	146665	53.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.040%
32) Benzene-d6	5.729	84	375043	43.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
36) 1,2-Dichloropropane-d6	6.690	67	114969	41.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.420%
41) Toluene-d8	7.899	98	354930	46.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.179	79	65832	51.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.520%
47) 2-Hexanone-d5	8.632	63	132778	98.321	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	187217	44.050	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	151909	46.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	112309	44.055	ug/L	98
3) Chloromethane	1.520	50	86475	29.656	ug/L	99
5) Vinyl chloride	1.604	62	98907	35.704	ug/L	95
6) Bromomethane	1.858	94	63857	46.613	ug/L	99
8) Chloroethane	1.932	64	58280	39.131	ug/L	98
9) Trichlorofluoromethane	2.138	101	183716	50.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	95399	45.676	ug/L	97
12) 1,1-Dichloroethene	2.581	96	87730	44.426	ug/L	89
13) Acetone	2.639	43	121618	78.044	ug/L	99
14) Carbon disulfide	2.793	76	238687	38.996	ug/L	100
15) Methyl Acetate	2.951	43	117972	36.954	ug/L #	87
16) Methylene chloride	3.047	84	105514	43.694	ug/L	88
17) trans-1,2-Dichloroethene	3.353	96	92954	44.121	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	329675	46.466	ug/L	97
19) 1,1-Dichloroethane	3.871	63	185798	42.770	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	108668	45.709	ug/L	95
22) 2-Butanone	4.707	43	177932	76.383	ug/L	96
23) Bromochloromethane	4.973	128	59331	47.355	ug/L	85
25) Chloroform	5.089	83	210140	48.986	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	178652	50.654	ug/L	98
29) Cyclohexane	5.391	56	142059	36.562	ug/L	89
30) 1,1,1-Trichloroethane	5.318	97	196008	50.127	ug/L	97
31) Carbon tetrachloride	5.527	117	177823	53.109	ug/L	100
33) Benzene	5.774	78	414661	42.772	ug/L	100
34) Trichloroethene	6.543	95	109061	45.765	ug/L	96
35) Methylcyclohexane	6.764	83	161948	42.594	ug/L	94
37) 1,2-Dichloropropane	6.790	63	107593	39.764	ug/L	98
38) Bromodichloromethane	7.105	83	159584	48.438	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	168452	43.769	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	328470	75.765	ug/L #	94
42) Toluene	7.970	91	443256	44.300	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	177258	47.394	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	110399	45.117	ug/L	97
46) Tetrachloroethene	8.552	164	87050	48.625	ug/L	97
48) 2-Hexanone	8.684	43	274904	76.299	ug/L #	96
49) Dibromochloromethane	8.809	129	137026	52.144	ug/L	95
50) 1,2-Dibromoethane	8.925	107	122859	47.498	ug/L	98
51) Chlorobenzene	9.446	112	292234	46.353	ug/L	99
52) Ethylbenzene	9.571	91	482663	46.308	ug/L	99
53) m,p-Xylene	9.694	106	196702	48.892	ug/L	96
54) o-Xylene	10.102	106	189940	46.926	ug/L	100
55) Styrene	10.115	104	332145	50.470	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	185567	40.462	ug/L	98
59) Bromoform	10.292	173	105683	45.090	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	162498	37.668	ug/L	96
61) Isopropylbenzene	10.485	105	499816	43.160	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	278038	43.554	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	437975	46.068	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	242121	44.330	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	245844	44.895	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	245326	43.892	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	58375	46.168	ug/L	99
69) 1,3,5-Trichlorobenzene	13.218	180	180595	46.765	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	163994	48.900	ug/L	99
71) Naphthalene	14.086	128	551662	42.715	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	172082	48.245	ug/L	98

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

