

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051822\
 Data File : VU048621.D
 Acq On : 18 May 2022 18:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050133

Quant Time: May 19 06:06:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 19 06:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	238909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142495	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53311	36.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.860%
7) Chloroethane-d5	1.912	69	43456	39.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.280%
11) 1,1-Dichloroethene-d2	2.571	63	135379	40.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.820%
21) 2-Butanone-d5	4.620	46	125723	90.285	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	5.063	84	169391	45.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
26) 1,2-Dichloroethane-d4	5.700	65	118423	45.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
32) Benzene-d6	5.729	84	284854	43.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	6.690	67	83046	42.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.960%
41) Toluene-d8	7.899	98	274721	44.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	8.179	79	52789	42.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.460%
47) 2-Hexanone-d5	8.629	63	94487	89.178	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	141815	44.360	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.192	152	127772	43.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111687	43.502	ug/L	99
3) Chloromethane	1.523	50	67942	42.889	ug/L	99
5) Vinyl chloride	1.604	62	72348	42.932	ug/L	98
6) Bromomethane	1.854	94	55153	45.335	ug/L	98
8) Chloroethane	1.932	64	44955	45.323	ug/L	100
9) Trichlorofluoromethane	2.137	101	152014	46.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	77917	46.448	ug/L	99
12) 1,1-Dichloroethene	2.581	96	72657	46.742	ug/L	93
13) Acetone	2.623	43	90317	79.833	ug/L	99
14) Carbon disulfide	2.793	76	196132	43.480	ug/L	99
15) Methyl Acetate	2.948	43	81393	42.155	ug/L	98
16) Methylene chloride	3.047	84	83860	46.341	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	79151	47.211	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	286899	49.323	ug/L	100
19) 1,1-Dichloroethane	3.870	63	146010	47.570	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	91944	48.630	ug/L	95
22) 2-Butanone	4.697	43	129412	90.091	ug/L	99
23) Bromochloromethane	4.973	128	52155	49.712	ug/L	92
25) Chloroform	5.089	83	192393	53.701	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	150713	49.039	ug/L	98
29) Cyclohexane	5.388	56	106971	44.043	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	170736	47.686	ug/L	99
31) Carbon tetrachloride	5.526	117	153828	47.142	ug/L	99
33) Benzene	5.774	78	326332	47.236	ug/L	100
34) Trichloroethene	6.542	95	90780	46.445	ug/L	98
35) Methylcyclohexane	6.764	83	123542	44.046	ug/L	98
37) 1,2-Dichloropropane	6.790	63	78926	45.690	ug/L	99
38) Bromodichloromethane	7.105	83	145053	51.899	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	141208	47.878	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	244783	92.856	ug/L	99
42) Toluene	7.970	91	367093	48.751	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	147986	47.579	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	89870	48.581	ug/L	99
46) Tetrachloroethene	8.552	164	75348	47.241	ug/L	96
48) 2-Hexanone	8.681	43	199430	88.296	ug/L	98
49) Dibromochloromethane	8.809	129	122680	51.582	ug/L	98
50) 1,2-Dibromoethane	8.922	107	101715	47.643	ug/L	99
51) Chlorobenzene	9.446	112	246377	46.913	ug/L	98
52) Ethylbenzene	9.571	91	408049	47.419	ug/L	99
53) m,p-Xylene	9.693	106	165710	47.919	ug/L	99
54) o-Xylene	10.099	106	161310	48.691	ug/L	96
55) Styrene	10.115	104	278158	48.290	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	151233	47.303	ug/L	98
59) Bromoform	10.291	173	95793	48.905	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	132931	47.038	ug/L	98
61) Isopropylbenzene	10.484	105	426942	48.650	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	246184	49.344	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	388904	50.129	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	215177	47.547	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	216764	46.157	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	215209	46.753	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	50209	45.952	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	163731	45.391	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	147069	45.080	ug/L	100
71) Naphthalene	14.085	128	463574	43.094	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	148932	45.468	ug/L	99

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

