

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049840.D
 Acq On : 21 Jul 2022 19:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050174

Quant Time: Jul 22 04:16:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	182238	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	170720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	84963	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	58104	37.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.580%
7) Chloroethane-d5	1.896	69	47141	42.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.820%
11) 1,1-Dichloroethene-d2	2.562	63	111060	40.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.780%
21) 2-Butanone-d5	4.623	46	157998	120.368	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.370%
24) Chloroform-d	5.063	84	137642	50.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	5.700	65	93953	50.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
32) Benzene-d6	5.726	84	239115	46.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.690	67	87965	50.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	7.899	98	201076	44.519	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	8.179	79	36767	50.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.040%
47) 2-Hexanone-d5	8.632	63	87427	111.412	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134817	55.232	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	77159	48.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	95137	43.551	ug/L	99
3) Chloromethane	1.523	50	122435	51.068	ug/L	99
5) Vinyl chloride	1.600	62	99104	45.745	ug/L	100
6) Bromomethane	1.835	94	52480	52.430	ug/L	94
8) Chloroethane	1.919	64	58837	49.026	ug/L	98
9) Trichlorofluoromethane	2.128	101	125010	46.724	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	62871	44.783	ug/L	99
12) 1,1-Dichloroethene	2.571	96	62161	47.708	ug/L	97
13) Acetone	2.623	43	116968	93.766	ug/L	98
14) Carbon disulfide	2.787	76	172203	39.192	ug/L	100
15) Methyl Acetate	2.944	43	126568	62.452	ug/L	100
16) Methylene chloride	3.041	84	92222	56.206	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	67106	47.081	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	275777	56.487	ug/L	99
19) 1,1-Dichloroethane	3.867	63	159005	53.584	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	85841	53.587	ug/L	99
22) 2-Butanone	4.700	43	192916	115.508	ug/L	100
23) Bromochloromethane	4.970	128	46332	57.966	ug/L	95
25) Chloroform	5.086	83	166611	55.993	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142021	56.052	ug/L	99
29) Cyclohexane	5.385	56	111725	41.927	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	132501	53.611	ug/L	99
31) Carbon tetrachloride	5.523	117	104862	51.875	ug/L	98
33) Benzene	5.774	78	337230	52.552	ug/L	100
34) Trichloroethene	6.542	95	77396	49.895	ug/L	98
35) Methylcyclohexane	6.761	83	102307	41.972	ug/L	98
37) 1,2-Dichloropropane	6.790	63	100107	56.282	ug/L	100
38) Bromodichloromethane	7.105	83	122288	55.453	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	134435	56.042	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	350604	121.761	ug/L	99
42) Toluene	7.970	91	335891	52.666	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	125351	55.653	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	91219	58.756	ug/L	99
46) Tetrachloroethene	8.552	164	51662	48.020	ug/L	97
48) 2-Hexanone	8.684	43	281346	122.270	ug/L	100
49) Dibromochloromethane	8.809	129	90454	57.928	ug/L	95
50) 1,2-Dibromoethane	8.925	107	92679	60.095	ug/L	100
51) Chlorobenzene	9.446	112	205412	53.185	ug/L	98
52) Ethylbenzene	9.571	91	342066	50.826	ug/L	99
53) m,p-Xylene	9.693	106	125517	51.289	ug/L	97
54) o-Xylene	10.102	106	131539	53.381	ug/L	99
55) Styrene	10.115	104	224717	55.259	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	161388	58.072	ug/L	99
59) Bromoform	10.291	173	65519	57.495	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	131409	58.067	ug/L	99
61) Isopropylbenzene	10.484	105	322393	50.817	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	277499	51.857	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	272024	51.168	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	142821	51.571	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	137357	49.375	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	152228	52.862	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	38491	58.046	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	92631	47.733	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	77178	43.338	ug/L	98
71) Naphthalene	14.089	128	302780	47.560	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	86655	46.975	ug/L	98

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

