

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071222\
 Data File : U049695.D
 Acq On : 12 Jul 2022 15:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050160

Quant Time: Jul 13 06:54:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 13 06:51:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215484	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	204299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72479	39.864	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.720%
7) Chloroethane-d5	1.900	69	55924	42.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.100%
11) 1,1-Dichloroethene-d2	2.565	63	133547	41.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
21) 2-Butanone-d5	4.623	46	155439	100.149	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.150%
24) Chloroform-d	5.063	84	153573	47.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
26) 1,2-Dichloroethane-d4	5.703	65	103991	47.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	5.726	84	282918	45.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	6.690	67	99117	47.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	7.899	98	246901	45.680	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%
43) trans-1,3-Dichloroprop...	8.179	79	42721	48.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.140%
47) 2-Hexanone-d5	8.632	63	93202	99.250	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.250%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	145240	49.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	94433	47.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	105479	40.836	ug/L	98
3) Chloromethane	1.520	50	125396	44.233	ug/L	99
5) Vinyl chloride	1.604	62	104930	40.962	ug/L	100
6) Bromomethane	1.838	94	50248	42.455	ug/L	100
8) Chloroethane	1.922	64	59953	42.249	ug/L	97
9) Trichlorofluoromethane	2.131	101	131178	41.465	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	70121	42.241	ug/L	100
12) 1,1-Dichloroethene	2.575	96	64458	41.838	ug/L	94
13) Acetone	2.626	43	119481	81.003	ug/L	98
14) Carbon disulfide	2.787	76	196866	37.893	ug/L	99
15) Methyl Acetate	2.948	43	113885	47.524	ug/L	100
16) Methylene chloride	3.041	84	89700	46.235	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	72133	42.799	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	271787	47.081	ug/L	99
19) 1,1-Dichloroethane	3.867	63	161146	45.927	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	85459	45.117	ug/L	95
22) 2-Butanone	4.703	43	179179	90.731	ug/L	100
23) Bromochloromethane	4.973	128	43897	46.446	ug/L	98
25) Chloroform	5.086	83	162505	46.187	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142393	47.528	ug/L	98
29) Cyclohexane	5.388	56	129688	40.669	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	127144	42.988	ug/L	100
31) Carbon tetrachloride	5.523	117	102114	42.212	ug/L	99
33) Benzene	5.774	78	349930	45.568	ug/L	100
34) Trichloroethene	6.542	95	80181	43.195	ug/L	100
35) Methylcyclohexane	6.761	83	120655	41.363	ug/L	99
37) 1,2-Dichloropropane	6.790	63	97274	45.701	ug/L	100
38) Bromodichloromethane	7.105	83	121842	46.170	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	131520	45.815	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	327686	95.097	ug/L	99
42) Toluene	7.970	91	346364	45.382	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	126865	47.068	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	86145	46.368	ug/L	99
46) Tetrachloroethene	8.552	164	55929	43.442	ug/L	98
48) 2-Hexanone	8.684	43	262754	95.422	ug/L	99
49) Dibromochloromethane	8.812	129	87698	46.932	ug/L	96
50) 1,2-Dibromoethane	8.925	107	87615	47.474	ug/L	98
51) Chlorobenzene	9.446	112	209461	45.319	ug/L	98
52) Ethylbenzene	9.571	91	356639	44.282	ug/L	100
53) m,p-Xylene	9.693	106	136029	46.449	ug/L	98
54) o-Xylene	10.102	106	134567	45.634	ug/L	98
55) Styrene	10.115	104	232285	47.732	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	155771	46.839	ug/L	98
59) Bromoform	10.291	173	62416	44.307	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	125974	45.030	ug/L	99
61) Isopropylbenzene	10.484	105	340325	43.395	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	295136	44.615	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	297334	45.243	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	151124	44.143	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	150047	43.631	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	159315	44.753	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	36881	44.992	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	105279	43.886	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	93579	42.508	ug/L	98
71) Naphthalene	14.089	128	347724	44.184	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	101839	44.658	ug/L	99

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

