

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049046.D
 Acq On : 11 Jun 2022 11:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050147

Quant Time: Jun 11 11:40:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305905	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	293607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84855	45.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.060%
7) Chloroethane-d5	1.903	69	64248	46.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.860%
11) 1,1-Dichloroethene-d2	2.565	63	165626	46.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
21) 2-Butanone-d5	4.616	46	196513	95.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.110%
24) Chloroform-d	5.063	84	196391	48.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	5.700	65	127262	48.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
32) Benzene-d6	5.726	84	359048	49.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	6.690	67	120756	49.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.680%
41) Toluene-d8	7.896	98	324005	50.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.920%
43) trans-1,3-Dichloroprop...	8.179	79	49854	43.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.600%
47) 2-Hexanone-d5	8.629	63	120488	94.061	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	194656	47.618	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	134570	50.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	127222	47.128	ug/L	99
3) Chloromethane	1.523	50	124989	43.926	ug/L	100
5) Vinyl chloride	1.604	62	117829	43.682	ug/L	99
6) Bromomethane	1.845	94	65545	43.929	ug/L	99
8) Chloroethane	1.925	64	67910	45.075	ug/L	96
9) Trichlorofluoromethane	2.134	101	170707	44.965	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91432	42.427	ug/L	99
12) 1,1-Dichloroethene	2.578	96	88373	46.847	ug/L	93
13) Acetone	2.623	43	142312	87.531	ug/L	99
14) Carbon disulfide	2.790	76	207869	43.332	ug/L	99
15) Methyl Acetate	2.944	43	155593	48.250	ug/L	99
16) Methylene chloride	3.044	84	114678	46.682	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	95040	45.821	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	362822	46.759	ug/L	99
19) 1,1-Dichloroethane	3.867	63	208182	46.590	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	119927	47.525	ug/L	97
22) 2-Butanone	4.697	43	230053	92.076	ug/L	97
23) Bromochloromethane	4.973	128	62825	47.435	ug/L	99
25) Chloroform	5.089	83	221474	47.559	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	181812	47.960	ug/L	99
29) Cyclohexane	5.388	56	146444	44.568	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	193444	47.244	ug/L	98
31) Carbon tetrachloride	5.523	117	170843	47.708	ug/L	99
33) Benzene	5.774	78	449942	47.302	ug/L	100
34) Trichloroethene	6.539	95	111125	46.346	ug/L	94
35) Methylcyclohexane	6.764	83	149397	44.638	ug/L	100
37) 1,2-Dichloropropane	6.790	63	130575	48.679	ug/L	100
38) Bromodichloromethane	7.105	83	171995	48.295	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	160866	40.757	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	432037	95.602	ug/L	100
42) Toluene	7.967	91	473930	48.204	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	164990	42.216	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	124035	47.720	ug/L	99
46) Tetrachloroethene	8.552	164	86729	46.656	ug/L	97
48) 2-Hexanone	8.684	43	350415	95.381	ug/L	98
49) Dibromochloromethane	8.809	129	136675	47.227	ug/L	98
50) 1,2-Dibromoethane	8.922	107	132626	48.503	ug/L	99
51) Chlorobenzene	9.446	112	310050	46.652	ug/L	100
52) Ethylbenzene	9.571	91	490533	45.888	ug/L	97
53) m,p-Xylene	9.693	106	205059	48.848	ug/L	97
54) o-Xylene	10.102	106	206775	48.889	ug/L	98
55) Styrene	10.115	104	344130	48.723	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	221954	45.822	ug/L	99
59) Bromoform	10.291	173	106393	46.733	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	185333	47.364	ug/L	99
61) Isopropylbenzene	10.484	105	520918	49.712	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	445263	49.772	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	353028	49.566	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	237207	46.148	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	233506	44.868	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	252249	47.288	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	58990	45.676	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	161863	44.080	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	126979	40.893	ug/L	99
71) Naphthalene	14.089	128	423380	38.539	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	141499	43.080	ug/L	99

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

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