

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048291.D
 Acq On : 26 Apr 2022 00:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050100

Quant Time: Apr 26 02:50:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	393743	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	229986	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	164229	45.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.720%
7) Chloroethane-d5	1.890	69	129905	51.113	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.220%
11) 1,1-Dichloroethene-d2	2.562	63	272555	46.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.960%
21) 2-Butanone-d5	4.620	46	319531	103.470	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.470%
24) Chloroform-d	5.063	84	313256	47.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	189752	48.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
32) Benzene-d6	5.726	84	641594	50.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.700%
36) 1,2-Dichloropropane-d6	6.690	67	211929	50.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.620%
41) Toluene-d8	7.899	98	584086	51.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
43) trans-1,3-Dichloroprop...	8.179	79	90956	49.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	8.636	63	252813	112.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	379262	51.843	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	259007	50.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	139204	46.788	ug/L	99
3) Chloromethane	1.520	50	156491	45.954	ug/L	100
5) Vinyl chloride	1.604	62	160256	46.699	ug/L	97
6) Bromomethane	1.829	94	67978	43.102	ug/L	97
8) Chloroethane	1.912	64	96324	49.642	ug/L	99
9) Trichlorofluoromethane	2.128	101	215840	48.263	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	136357	45.972	ug/L	100
12) 1,1-Dichloroethene	2.575	96	122662	47.376	ug/L	93
13) Acetone	2.626	43	164553	83.001	ug/L	99
14) Carbon disulfide	2.790	76	281964	44.684	ug/L	99
15) Methyl Acetate	2.944	43	189867	48.245	ug/L	99
16) Methylene chloride	3.044	84	158059	47.352	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	126470	47.021	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	439768	49.555	ug/L	100
19) 1,1-Dichloroethane	3.867	63	263048	46.769	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	158116	48.769	ug/L	98
22) 2-Butanone	4.700	43	278648	95.048	ug/L	99
23) Bromochloromethane	4.973	128	86785	47.945	ug/L	98
25) Chloroform	5.089	83	273004	47.534	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	204306	48.769	ug/L	100
29) Cyclohexane	5.388	56	197338	52.209	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	221734	49.014	ug/L	100
31) Carbon tetrachloride	5.523	117	189943	49.262	ug/L	99
33) Benzene	5.774	78	604811	51.063	ug/L	100
34) Trichloroethene	6.542	95	146171	50.349	ug/L	99
35) Methylcyclohexane	6.761	83	207487	50.905	ug/L	98
37) 1,2-Dichloropropane	6.790	63	170945	50.727	ug/L	100
38) Bromodichloromethane	7.105	83	214023	50.290	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	237502	50.120	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	557914	109.767	ug/L	99
42) Toluene	7.970	91	633978	50.982	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	223714	48.326	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	172992	48.928	ug/L	99
46) Tetrachloroethene	8.552	164	119058	47.783	ug/L	99
48) 2-Hexanone	8.687	43	458465	108.016	ug/L	99
49) Dibromochloromethane	8.809	129	188179	48.435	ug/L	100
50) 1,2-Dibromoethane	8.925	107	182030	50.769	ug/L	100
51) Chlorobenzene	9.446	112	449720	50.172	ug/L	99
52) Ethylbenzene	9.571	91	695482	54.004	ug/L	99
53) m,p-Xylene	9.693	106	274366	53.987	ug/L	100
54) o-Xylene	10.102	106	285311	55.727	ug/L	99
55) Styrene	10.115	104	492950	56.519	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	350313	50.202	ug/L	100
59) Bromoform	10.291	173	166051	49.750	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	273922	51.055	ug/L	99
61) Isopropylbenzene	10.484	105	715735	55.659	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	382122	56.380	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	604137	57.977	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	374075	51.887	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	360475	48.977	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	377489	49.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	69464	48.499	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	262295	48.962	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	216685	51.199	ug/L	99
71) Naphthalene	14.085	128	724594	59.826	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	235338	54.259	ug/L	99

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

