

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043779.D
 Acq On : 15 May 2021 01:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: May 15 02:13:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	241484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236763	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	128132	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	88401	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.919	69	64113	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.572	65	37706	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.649	46	178928	52.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.70%
24) Chloroform-d	5.073	84	151323	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.710	65	76215	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.735	84	312218	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.700	67	97672	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	291494	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloroprop...	8.185	79	35637	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.642	63	177629	55.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81262	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	105667	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	92346	5.25	ug/L	99
3) Chloromethane	1.523	50	104202	5.05	ug/L	100
5) Vinyl chloride	1.607	62	105897	5.17	ug/L	97
6) Bromomethane	1.864	94	56836	4.70	ug/L	99
8) Chloroethane	1.938	64	62300	5.40	ug/L	95
9) Trichlorofluoromethane	2.144	101	125207	5.26	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	83494	5.15	ug/L	99
12) 1,1-Dichloroethene	2.584	96	84882	5.33	ug/L	92
13) Acetone	2.655	43	113890	52.99	ug/L	97
14) Carbon disulfide	2.800	76	272879	5.12	ug/L	99
15) Methyl Acetate	2.964	43	30875	4.83	ug/L	92
16) Methylene chloride	3.054	84	129064	5.46	ug/L	100
17) Methyl tert-butyl Ether	3.375	73	191950	5.32	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	88283	5.27	ug/L	99
19) 1,1-Dichloroethane	3.880	63	161031	5.32	ug/L	99
21) 2-Butanone	4.726	43	211375	51.43	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	92575	5.26	ug/L	96
23) Bromochloromethane	4.986	128	44744	5.40	ug/L	98
25) Chloroform	5.099	83	162000	5.41	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043779.D
 Acq On : 15 May 2021 01:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: May 15 02:13:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	99382	5.38	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	131912	5.34	ug/L	99
30) Cyclohexane	5.398	56	144321	5.27	ug/L	100
31) Carbon tetrachloride	5.533	117	108582	5.26	ug/L	100
33) Benzene	5.784	78	372005	5.43	ug/L	100
34) Trichloroethene	6.549	95	92680	5.27	ug/L	99
35) Methylcyclohexane	6.771	83	141151	5.17	ug/L	99
37) 1,2-Dichloropropane	6.800	63	97768	5.46	ug/L	100
38) Bromodichloromethane	7.115	83	111608	5.34	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	123015	5.17	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	633636	55.46	ug/L	99
42) Toluene	7.976	91	396325	5.51	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	105901	5.16	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	70334	5.46	ug/L	98
47) Tetrachloroethene	8.558	164	74766	5.26	ug/L	96
48) 2-Hexanone	8.693	43	467417	55.16	ug/L	99
49) Dibromochloromethane	8.816	129	77044	5.36	ug/L	97
50) 1,2-Dibromoethane	8.931	107	66157	5.46	ug/L	97
51) Chlorobenzene	9.452	112	237295	5.28	ug/L	100
52) Ethylbenzene	9.578	91	393688	5.35	ug/L	100
53) m,p-Xylene	9.700	106	151929	5.43	ug/L	99
54) o-Xylene	10.108	106	147590	5.52	ug/L	99
55) Styrene	10.121	104	254031	5.63	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	88193	5.40	ug/L	100
59) Bromoform	10.298	173	46082	5.34	ug/L	99
60) Isopropylbenzene	10.491	105	381613	5.42	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	64332	5.26	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	301859	5.33	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	314282	5.42	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	192619	5.32	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	191098	5.25	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	183123	5.26	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	12496	4.98	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	140736	4.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	115155	4.83	ug/L	100
71) Naphthalene	14.092	128	207091	4.93	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	116034	5.14	ug/L	98

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

