

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043524.D
 Acq On : 04 May 2021 16:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: May 05 04:59:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87837	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88384	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46491	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30016	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.916	69	23575	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.568	65	15610	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.652	46	130597	59.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.12%
24) Chloroform-d	5.073	84	64629	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.710	65	40355	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	115636	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.700	67	40886	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.906	98	107521	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.185	79	16776	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.642	63	82094	57.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35171	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39794	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	30825	5.18	ug/L	100
3) Chloromethane	1.520	50	32804	5.23	ug/L	100
5) Vinyl chloride	1.604	62	31497	5.30	ug/L	98
6) Bromomethane	1.861	94	16192	5.75	ug/L	99
8) Chloroethane	1.938	64	19642	5.11	ug/L	99
9) Trichlorofluoromethane	2.141	101	50947	5.50	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	31143	5.45	ug/L	99
12) 1,1-Dichloroethene	2.584	96	26065	5.31	ug/L	92
13) Acetone	2.668	43	91678	62.70	ug/L	100
14) Carbon disulfide	2.797	76	61832	5.03	ug/L	100
15) Methyl Acetate	2.967	43	22169	6.65	ug/L	92
16) Methylene chloride	3.054	84	35359	4.50	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	79833	5.56	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	26772	5.23	ug/L	99
19) 1,1-Dichloroethane	3.877	63	65107	5.35	ug/L	99
21) 2-Butanone	4.729	43	144566	61.67	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	31210	5.19	ug/L	95
23) Bromochloromethane	4.986	128	15216	5.69	ug/L	97
25) Chloroform	5.096	83	68239	5.26	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48163	5.47	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	56234	5.41	ug/L	98
30) Cyclohexane	5.398	56	44438	5.36	ug/L	98
31) Carbon tetrachloride	5.533	117	44869	5.27	ug/L	99
33) Benzene	5.784	78	126769	5.44	ug/L	100
34) Trichloroethene	6.549	95	32058	5.39	ug/L	95
35) Methylcyclohexane	6.771	83	40466	5.26	ug/L	99
37) 1,2-Dichloropropane	6.800	63	38217	5.50	ug/L	100
38) Bromodichloromethane	7.115	83	50018	5.55	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	50211	5.45	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	345805	60.79	ug/L	100
42) Toluene	7.976	91	135455	5.57	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	46870	5.58	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26856	5.59	ug/L	97
47) Tetrachloroethene	8.562	164	24163	5.52	ug/L	94
48) 2-Hexanone	8.693	43	264296	62.63	ug/L	99
49) Dibromochloromethane	8.816	129	32275	5.56	ug/L	100
50) 1,2-Dibromoethane	8.931	107	24737	5.53	ug/L	97
51) Chlorobenzene	9.455	112	84661	5.47	ug/L	99
52) Ethylbenzene	9.578	91	142849	5.53	ug/L	99
53) m,p-Xylene	9.700	106	51917	5.53	ug/L	100
54) o-Xylene	10.108	106	51046	5.60	ug/L	93
55) Styrene	10.121	104	91255	5.71	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	36083	5.57	ug/L	94
59) Bromoform	10.298	173	18870	5.58	ug/L	99
60) Isopropylbenzene	10.491	105	139907	5.52	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	26436	5.62	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	109053	5.48	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	111252	5.58	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	68177	5.43	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	68832	5.34	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	67582	5.35	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	5963	5.32	ug/L	92
69) 1,3,5-Trichlorobenzene	13.227	180	52223	5.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	42428	5.18	ug/L	99
71) Naphthalene	14.095	128	74438	5.27	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	41194	5.35	ug/L	99

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

