

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043935.D
 Acq On : 25 May 2021 02:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: May 25 04:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	228916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	231339	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	125909	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	58986	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.912	69	43784	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.565	65	24612	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.697	46	222488	55.07	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.14%
24) Chloroform-d	5.073	84	153371	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	77695	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.732	84	307973	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.700	67	97121	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.902	98	299203	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
43) trans-1,3-Dichloroprop...	8.185	79	35623	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.648	63	172883	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	89658	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	115952	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	85329	5.43	ug/L	99
3) Chloromethane	1.514	50	71983	4.40	ug/L	100
5) Vinyl chloride	1.600	62	76142	4.97	ug/L	98
6) Bromomethane	1.858	94	47022	5.04	ug/L	95
8) Chloroethane	1.935	64	42545	5.08	ug/L	98
9) Trichlorofluoromethane	2.137	101	106295	5.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	62828	4.16	ug/L	98
12) 1,1-Dichloroethene	2.578	96	61851	4.18	ug/L	95
13) Acetone	2.723	43	98191	46.08	ug/L	73
14) Carbon disulfide	2.790	76	184756	4.15	ug/L	98
15) Methyl Acetate	2.989	43	29408	4.92	ug/L #	82
16) Methylene chloride	3.047	84	80736	4.26	ug/L	98
17) Methyl tert-butyl Ether	3.385	73	192118	6.00	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	68065	4.50	ug/L	98
19) 1,1-Dichloroethane	3.874	63	150955	5.72	ug/L	99
21) 2-Butanone	4.774	43	235906	55.79	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	88044	5.35	ug/L	97
23) Bromochloromethane	4.983	128	47186	5.59	ug/L	95
25) Chloroform	5.095	83	159526	5.43	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	94950	5.47	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	130680	5.45	ug/L	99
30) Cyclohexane	5.388	56	120052	5.47	ug/L	99
31) Carbon tetrachloride	5.526	117	108860	5.31	ug/L	99
33) Benzene	5.780	78	352581	5.64	ug/L	100
34) Trichloroethene	6.546	95	89653	5.51	ug/L	99
35) Methylcyclohexane	6.764	83	127441	5.37	ug/L	99
37) 1,2-Dichloropropane	6.800	63	91550	5.52	ug/L	99
38) Bromodichloromethane	7.115	83	108088	5.43	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	113545	5.27	ug/L	98
40) 4-Methyl-2-pentanone	7.809	43	533991	57.21	ug/L	99
42) Toluene	7.973	91	384703	5.83	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	100026	5.41	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	71293	5.63	ug/L	99
47) Tetrachloroethene	8.558	164	77257	5.51	ug/L	98
48) 2-Hexanone	8.700	43	408135	58.56	ug/L	98
49) Dibromochloromethane	8.816	129	81924	5.58	ug/L	100
50) 1,2-Dibromoethane	8.931	107	67322	5.72	ug/L	100
51) Chlorobenzene	9.452	112	236285	5.49	ug/L	99
52) Ethylbenzene	9.574	91	365384	5.58	ug/L	99
53) m,p-Xylene	9.700	106	145090	5.62	ug/L	98
54) o-Xylene	10.105	106	139371	5.69	ug/L	99
55) Styrene	10.121	104	251060	5.95	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	88064	5.57	ug/L	100
59) Bromoform	10.298	173	50136	5.54	ug/L	100
60) Isopropylbenzene	10.491	105	361400	5.78	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	63323	5.47	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	278145	5.62	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	288630	5.69	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	190630	5.49	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	192707	5.55	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	181048	5.41	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	12809	5.80	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	136701	4.99	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	109507	5.09	ug/L	100
71) Naphthalene	14.092	128	189960	5.51	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	113087	5.50	ug/L	98

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

