

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043903.D
 Acq On : 21 May 2021 20:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: May 22 00:56:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	211916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	211715	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	117872	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	53093	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.919	69	40479	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.571	65	26332	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.645	46	143561	48.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	5.073	84	130389	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.710	65	62598	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	256221	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	82083	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	237498	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.185	79	29674	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.642	63	151930	53.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73891	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	93702	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	80961	5.25	ug/L	99
3) Chloromethane	1.523	50	86454	4.77	ug/L	99
5) Vinyl chloride	1.607	62	90787	5.05	ug/L	100
6) Bromomethane	1.864	94	49414	4.66	ug/L	98
8) Chloroethane	1.938	64	45428	4.49	ug/L	100
9) Trichlorofluoromethane	2.144	101	106723	5.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79093	5.56	ug/L	98
12) 1,1-Dichloroethene	2.588	96	79203	5.66	ug/L	86
13) Acetone	2.652	43	85685	45.43	ug/L	97
14) Carbon disulfide	2.800	76	240626	5.14	ug/L	100
15) Methyl Acetate	2.964	43	25365	4.52	ug/L	95
16) Methylene chloride	3.054	84	112153	5.40	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	161186	5.09	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	79954	5.44	ug/L	94
19) 1,1-Dichloroethane	3.880	63	143415	5.40	ug/L	98
21) 2-Butanone	4.723	43	163241	45.26	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	83890	5.43	ug/L	96
23) Bromochloromethane	4.986	128	42200	5.80	ug/L	88
25) Chloroform	5.099	83	148149	5.64	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	86772	5.36	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	122214	5.54	ug/L	98
30) Cyclohexane	5.398	56	117704	4.81	ug/L	95
31) Carbon tetrachloride	5.533	117	101948	5.53	ug/L	99
33) Benzene	5.784	78	333650	5.45	ug/L	100
34) Trichloroethene	6.549	95	82744	5.27	ug/L	97
35) Methylcyclohexane	6.771	83	120981	4.95	ug/L	97
37) 1,2-Dichloropropane	6.800	63	84912	5.30	ug/L	99
38) Bromodichloromethane	7.115	83	102334	5.48	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	107085	5.03	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	512164	50.14	ug/L	97
42) Toluene	7.976	91	359920	5.60	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	94131	5.13	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	65211	5.66	ug/L	97
47) Tetrachloroethene	8.558	164	70778	5.57	ug/L	98
48) 2-Hexanone	8.693	43	390170	51.49	ug/L	97
49) Dibromochloromethane	8.816	129	73800	5.75	ug/L	100
50) 1,2-Dibromoethane	8.931	107	60616	5.60	ug/L	97
51) Chlorobenzene	9.452	112	218683	5.44	ug/L	98
52) Ethylbenzene	9.578	91	348970	5.30	ug/L	99
53) m,p-Xylene	9.700	106	138284	5.52	ug/L	96
54) o-Xylene	10.108	106	133831	5.60	ug/L	97
55) Styrene	10.121	104	231139	5.73	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	80439	5.50	ug/L	96
59) Bromoform	10.298	173	43471	5.48	ug/L	99
60) Isopropylbenzene	10.491	105	344134	5.32	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	57224	5.09	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	266933	5.13	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	273824	5.13	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	179631	5.39	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	179860	5.37	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	171829	5.37	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11725	5.08	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	135051	5.08	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	103716	4.73	ug/L	99
71) Naphthalene	14.092	128	166820	4.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	102706	4.94	ug/L	100

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

