

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043507.D
 Acq On : 04 May 2021 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Quant Time: May 05 04:47:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 08:24:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	91997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	92435	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48416	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34363	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.919	69	26202	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.572	65	17172	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.652	46	125168	54.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.00%
24) Chloroform-d	5.073	84	69940	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.713	65	42758	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.736	84	127026	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.700	67	42555	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	117274	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloroprop...	8.189	79	18167	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.642	63	78989	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35020	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	42327	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	32590	5.23	ug/L	97
3) Chloromethane	1.520	50	32996	5.02	ug/L	98
5) Vinyl chloride	1.607	62	31936	5.13	ug/L	100
6) Bromomethane	1.861	94	16997	5.76	ug/L	97
8) Chloroethane	1.938	64	19671	4.89	ug/L	100
9) Trichlorofluoromethane	2.144	101	50733	5.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	31695	5.29	ug/L	99
12) 1,1-Dichloroethene	2.585	96	27178	5.28	ug/L	99
13) Acetone	2.665	43	89608	58.51	ug/L	99
14) Carbon disulfide	2.800	76	64113	4.98	ug/L	98
15) Methyl Acetate	2.967	43	18287	5.24	ug/L	98
16) Methylene chloride	3.054	84	35448	4.30	ug/L	96
17) Methyl tert-butyl Ether	3.376	73	77427	5.15	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	27236	5.08	ug/L	97
19) 1,1-Dichloroethane	3.880	63	66326	5.20	ug/L	99
21) 2-Butanone	4.732	43	135738	55.28	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	33076	5.25	ug/L	96
23) Bromochloromethane	4.986	128	14560	5.20	ug/L #	82
25) Chloroform	5.099	83	68860	5.07	ug/L	99

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27) 1,2-Dichloroethane	5.806	62	48699	5.28	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	56178	5.17	ug/L	98
30) Cyclohexane	5.398	56	45552	5.25	ug/L	99
31) Carbon tetrachloride	5.533	117	44961	5.05	ug/L	100
33) Benzene	5.784	78	128789	5.28	ug/L	100
34) Trichloroethene	6.549	95	32708	5.26	ug/L	96
35) Methylcyclohexane	6.771	83	41946	5.21	ug/L	99
37) 1,2-Dichloropropane	6.800	63	38578	5.31	ug/L	99
38) Bromodichloromethane	7.115	83	49989	5.31	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	50564	5.25	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	321336	54.02	ug/L	100
42) Toluene	7.977	91	138732	5.45	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	46306	5.27	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	26572	5.29	ug/L	97
47) Tetrachloroethene	8.562	164	24474	5.34	ug/L	96
48) 2-Hexanone	8.694	43	245098	55.54	ug/L	98
49) Dibromochloromethane	8.819	129	31303	5.15	ug/L	94
50) 1,2-Dibromoethane	8.932	107	24606	5.26	ug/L #	98
51) Chlorobenzene	9.456	112	84693	5.23	ug/L	99
52) Ethylbenzene	9.578	91	145266	5.38	ug/L	100
53) m,p-Xylene	9.700	106	53143	5.42	ug/L	98
54) o-Xylene	10.108	106	51163	5.37	ug/L	99
55) Styrene	10.121	104	92378	5.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	35772	5.28	ug/L	96
59) Bromoform	10.298	173	18111	5.14	ug/L	99
60) Isopropylbenzene	10.491	105	142060	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	25954	5.30	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	111424	5.37	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	113842	5.48	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	69992	5.35	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	69967	5.21	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	68232	5.18	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	5817	4.98	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	55044	5.32	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	43195	5.06	ug/L	98
71) Naphthalene	14.095	128	73250	4.98	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	42223	5.27	ug/L	98

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

