

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043695.D
 Acq On : 13 May 2021 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: May 14 01:44:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	97792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	96963	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48911	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25625	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.919	69	21727	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.572	65	13046	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.649	46	154535	63.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.60%
24) Chloroform-d	5.073	84	66292	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.710	65	41530	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.736	84	112938	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.700	67	42939	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	98212	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloroprop...	8.189	79	16557	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.642	63	96801	62.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.40%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38157	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	36863	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33994	5.14	ug/L	97
3) Chloromethane	1.520	50	35384	5.07	ug/L	100
5) Vinyl chloride	1.607	62	35569	5.37	ug/L	99
6) Bromomethane	1.861	94	18086	5.77	ug/L	97
8) Chloroethane	1.938	64	21641	5.06	ug/L	94
9) Trichlorofluoromethane	2.144	101	53228	5.16	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33428	5.25	ug/L	99
12) 1,1-Dichloroethene	2.585	96	28612	5.23	ug/L	93
13) Acetone	2.665	43	97372	59.81	ug/L	98
14) Carbon disulfide	2.800	76	67255	4.92	ug/L	99
15) Methyl Acetate	2.967	43	21326	5.74	ug/L	100
16) Methylene chloride	3.054	84	40662	4.64	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	88635	5.55	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	29688	5.21	ug/L	96
19) 1,1-Dichloroethane	3.880	63	73336	5.41	ug/L	98
21) 2-Butanone	4.729	43	159475	61.10	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	34988	5.22	ug/L	94
23) Bromochloromethane	4.986	128	16004	5.37	ug/L	89
25) Chloroform	5.099	83	72534	5.03	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52077	5.31	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	59948	5.26	ug/L	98
30) Cyclohexane	5.395	56	51158	5.62	ug/L	98
31) Carbon tetrachloride	5.533	117	47453	5.08	ug/L	100
33) Benzene	5.784	78	139992	5.48	ug/L	100
34) Trichloroethene	6.549	95	35173	5.39	ug/L	96
35) Methylcyclohexane	6.771	83	45182	5.35	ug/L	99
37) 1,2-Dichloropropane	6.800	63	42845	5.62	ug/L	99
38) Bromodichloromethane	7.115	83	52553	5.32	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	55573	5.50	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	371822	59.58	ug/L	99
42) Toluene	7.977	91	147747	5.53	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	51123	5.55	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	28401	5.39	ug/L	96
47) Tetrachloroethene	8.562	164	24335	5.06	ug/L	96
48) 2-Hexanone	8.694	43	278363	60.13	ug/L	99
49) Dibromochloromethane	8.819	129	33295	5.23	ug/L	94
50) 1,2-Dibromoethane	8.932	107	25823	5.27	ug/L	96
51) Chlorobenzene	9.456	112	89733	5.28	ug/L	99
52) Ethylbenzene	9.578	91	155975	5.50	ug/L	100
53) m,p-Xylene	9.700	106	56289	5.47	ug/L	97
54) o-Xylene	10.108	106	55349	5.53	ug/L	98
55) Styrene	10.121	104	97709	5.57	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	39394	5.54	ug/L	95
59) Bromoform	10.298	173	19776	5.56	ug/L	96
60) Isopropylbenzene	10.491	105	151356	5.68	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	28834	5.83	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	120385	5.75	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	123612	5.89	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	71366	5.40	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	71704	5.29	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	70280	5.28	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	6979	5.91	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	55697	5.32	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	44849	5.20	ug/L	99
71) Naphthalene	14.095	128	80382	5.41	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	44056	5.44	ug/L	99

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

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