

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043781.D
 Acq On : 17 May 2021 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: May 17 11:38:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	238988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236348	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	128046	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	84027	4.77	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.40%	
7) Chloroethane-d5	1.919	69	61235	4.98	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.60%	
11) 1,1-Dichloroethene-d2	2.575	65	36279	4.96	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.20%	
20) 2-Butanone-d5	4.645	46	158480	47.30	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.60%	
24) Chloroform-d	5.073	84	146185	5.10	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.00%	
26) 1,2-Dichloroethane-d4	5.713	65	72923	4.97	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.40%	
32) Benzene-d6	5.735	84	303821	5.06	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.20%	
36) 1,2-Dichloropropane-d6	6.700	67	93294	4.88	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.60%	
41) Toluene-d8	7.906	98	284178	5.13	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.60%	
43) trans-1,3-Dichloroprop...	8.185	79	35795	5.04	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.80%	
46) 2-Hexanone-d5	8.642	63	161427	50.47	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.94%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	77139	4.92	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.40%	
66) 1,2-Dichlorobenzene-d4	12.201	152	103357	4.84	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	93689	5.38	ug/L	99
3) Chloromethane	1.523	50	102929	5.04	ug/L	100
5) Vinyl chloride	1.607	62	108215	5.34	ug/L	99
6) Bromomethane	1.864	94	60966	5.10	ug/L	99
8) Chloroethane	1.941	64	61042	5.35	ug/L	99
9) Trichlorofluoromethane	2.144	101	130260	5.53	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	88994	5.55	ug/L	99
12) 1,1-Dichloroethene	2.588	96	88176	5.59	ug/L	97
13) Acetone	2.655	43	108906	51.20	ug/L	99
14) Carbon disulfide	2.803	76	283158	5.37	ug/L	100
15) Methyl Acetate	2.964	43	33415	5.28	ug/L	100
16) Methylene chloride	3.054	84	100103	4.28	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	189924	5.32	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	89831	5.42	ug/L	98
19) 1,1-Dichloroethane	3.880	63	161293	5.39	ug/L	98
21) 2-Butanone	4.726	43	204946	50.38	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	94227	5.41	ug/L	99
23) Bromochloromethane	4.986	128	46060	5.61	ug/L	95
25) Chloroform	5.099	83	164522	5.55	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	102591	5.61	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	134140	5.44	ug/L	99
30) Cyclohexane	5.398	56	142241	5.20	ug/L	99
31) Carbon tetrachloride	5.536	117	113244	5.50	ug/L	99
33) Benzene	5.784	78	374732	5.48	ug/L	100
34) Trichloroethene	6.549	95	94035	5.36	ug/L	98
35) Methylcyclohexane	6.774	83	145797	5.35	ug/L	99
37) 1,2-Dichloropropane	6.800	63	96881	5.42	ug/L	100
38) Bromodichloromethane	7.115	83	115302	5.53	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	128811	5.42	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	604335	52.99	ug/L	98
42) Toluene	7.976	91	401608	5.59	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	112456	5.49	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	72440	5.64	ug/L	97
47) Tetrachloroethene	8.562	164	78355	5.53	ug/L	99
48) 2-Hexanone	8.694	43	452803	53.52	ug/L	99
49) Dibromochloromethane	8.819	129	81728	5.70	ug/L	98
50) 1,2-Dibromoethane	8.931	107	67764	5.61	ug/L	96
51) Chlorobenzene	9.452	112	244335	5.45	ug/L	100
52) Ethylbenzene	9.578	91	395142	5.38	ug/L	99
53) m,p-Xylene	9.700	106	155913	5.58	ug/L	99
54) o-Xylene	10.108	106	150936	5.66	ug/L	96
55) Styrene	10.121	104	258260	5.74	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	89839	5.51	ug/L	99
59) Bromoform	10.298	173	48729	5.65	ug/L	100
60) Isopropylbenzene	10.491	105	387739	5.51	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	64409	5.27	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	308314	5.45	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	323282	5.58	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	200069	5.53	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	197828	5.44	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	191294	5.50	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	13096	5.22	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	153369	5.31	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	120562	5.06	ug/L	100
71) Naphthalene	14.092	128	199941	4.76	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	116865	5.18	ug/L	100

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

