

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043626.D
 Acq On : 10 May 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: May 11 03:52:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	113584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109413	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56604	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31974	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.919	69	26381	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.572	65	16055	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.649	46	148043	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	5.076	84	73399	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.713	65	45474	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.735	84	129537	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.700	67	47401	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.906	98	119815	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.185	79	19509	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.642	63	94511	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	39029	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	44555	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35505	4.62	ug/L	98
3) Chloromethane	1.520	50	34485	4.25	ug/L	97
5) Vinyl chloride	1.607	62	36003	4.68	ug/L	100
6) Bromomethane	1.861	94	18815	5.17	ug/L	96
8) Chloroethane	1.938	64	22695	4.57	ug/L	100
9) Trichlorofluoromethane	2.144	101	55524	4.64	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	35948	4.86	ug/L	98
12) 1,1-Dichloroethene	2.584	96	29739	4.68	ug/L	96
13) Acetone	2.665	43	100027	52.90	ug/L	98
14) Carbon disulfide	2.800	76	71238	4.48	ug/L	99
15) Methyl Acetate	2.967	43	21045	4.88	ug/L	99
16) Methylene chloride	3.054	84	41417	4.07	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	98673	5.32	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	31165	4.71	ug/L	98
19) 1,1-Dichloroethane	3.880	63	76455	4.85	ug/L	96
21) 2-Butanone	4.732	43	157462	51.94	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	37625	4.84	ug/L	96
23) Bromochloromethane	4.983	128	16860	4.87	ug/L	94
25) Chloroform	5.099	83	77349	4.61	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	53069	4.66	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	63052	4.90	ug/L	99
30) Cyclohexane	5.398	56	56118	5.47	ug/L	98
31) Carbon tetrachloride	5.533	117	50731	4.81	ug/L	98
33) Benzene	5.784	78	146195	5.07	ug/L	100
34) Trichloroethene	6.549	95	38245	5.20	ug/L	95
35) Methylcyclohexane	6.774	83	50951	5.35	ug/L	98
37) 1,2-Dichloropropane	6.800	63	44361	5.16	ug/L	100
38) Bromodichloromethane	7.115	83	55608	4.99	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	61052	5.35	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	370963	52.68	ug/L	100
42) Toluene	7.976	91	156523	5.19	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	54805	5.27	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	29075	4.89	ug/L	98
47) Tetrachloroethene	8.562	164	27234	5.02	ug/L	98
48) 2-Hexanone	8.693	43	278353	53.29	ug/L	98
49) Dibromochloromethane	8.819	129	35302	4.91	ug/L	94
50) 1,2-Dibromoethane	8.931	107	27551	4.98	ug/L	95
51) Chlorobenzene	9.456	112	97933	5.11	ug/L	98
52) Ethylbenzene	9.578	91	172353	5.39	ug/L	100
53) m,p-Xylene	9.700	106	62195	5.35	ug/L	99
54) o-Xylene	10.108	106	61689	5.47	ug/L	98
55) Styrene	10.121	104	106871	5.40	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	39762	4.96	ug/L	99
59) Bromoform	10.298	173	21000	5.10	ug/L	99
60) Isopropylbenzene	10.491	105	169191	5.48	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	28884	5.04	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	141165	5.82	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	141113	5.81	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	79780	5.22	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	80423	5.12	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	76780	4.99	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7049	5.16	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	64596	5.34	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	52363	5.25	ug/L	99
71) Naphthalene	14.095	128	93237	5.42	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	49170	5.25	ug/L	98

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

