

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043826.D
 Acq On : 19 May 2021 14:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: May 20 03:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	248956	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	244528	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	134082	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72156	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.916	69	50876	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.572	65	31507	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.645	46	144007	41.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.52%
24) Chloroform-d	5.073	84	138037	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.713	65	65227	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.735	84	280161	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.700	67	86757	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.906	98	260953	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	8.189	79	32493	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.642	63	142685	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68970	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	97999	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	91160	5.03	ug/L	98
3) Chloromethane	1.520	50	97922	4.60	ug/L	99
5) Vinyl chloride	1.607	62	102710	4.86	ug/L	97
6) Bromomethane	1.861	94	57917	4.65	ug/L	97
8) Chloroethane	1.938	64	53839	4.53	ug/L	98
9) Trichlorofluoromethane	2.144	101	120563	4.92	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	87484	5.24	ug/L	99
12) 1,1-Dichloroethene	2.584	96	85655	5.21	ug/L	96
13) Acetone	2.652	43	96454	43.53	ug/L	100
14) Carbon disulfide	2.800	76	271058	4.93	ug/L	100
15) Methyl Acetate	2.964	43	28637	4.34	ug/L	94
16) Methylene chloride	3.054	84	103228	4.23	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	178062	4.79	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	89501	5.19	ug/L	94
19) 1,1-Dichloroethane	3.880	63	157509	5.05	ug/L	99
21) 2-Butanone	4.723	43	178367	42.09	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	92353	5.09	ug/L	96
23) Bromochloromethane	4.983	128	44930	5.26	ug/L	91
25) Chloroform	5.099	83	159742	5.17	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	91045	4.78	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	132850	5.21	ug/L	97
30) Cyclohexane	5.398	56	138367	4.89	ug/L	98
31) Carbon tetrachloride	5.533	117	112016	5.26	ug/L	99
33) Benzene	5.784	78	365099	5.16	ug/L	100
34) Trichloroethene	6.552	95	91860	5.06	ug/L	96
35) Methylcyclohexane	6.774	83	144551	5.12	ug/L	98
37) 1,2-Dichloropropane	6.800	63	93494	5.05	ug/L	100
38) Bromodichloromethane	7.115	83	110954	5.14	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	123017	5.00	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	526487	44.62	ug/L	97
42) Toluene	7.977	91	394075	5.30	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	104215	4.91	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	66242	4.98	ug/L	99
47) Tetrachloroethene	8.562	164	77945	5.31	ug/L	97
48) 2-Hexanone	8.694	43	391357	44.71	ug/L	97
49) Dibromochloromethane	8.819	129	75980	5.12	ug/L	98
50) 1,2-Dibromoethane	8.931	107	62558	5.00	ug/L	93
51) Chlorobenzene	9.456	112	239829	5.17	ug/L	98
52) Ethylbenzene	9.578	91	394680	5.19	ug/L	98
53) m,p-Xylene	9.703	106	156829	5.42	ug/L	98
54) o-Xylene	10.108	106	150690	5.46	ug/L	97
55) Styrene	10.121	104	258921	5.56	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	80960	4.80	ug/L	99
59) Bromoform	10.298	173	44329	4.91	ug/L	100
60) Isopropylbenzene	10.491	105	389828	5.29	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	58989	4.61	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	310907	5.25	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	322058	5.31	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	199150	5.25	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	198949	5.22	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	185213	5.08	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	11246	4.28	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	155023	5.12	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	123237	4.94	ug/L	99
71) Naphthalene	14.095	128	194706	4.43	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	117090	4.95	ug/L	99

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

