

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043651.D
 Acq On : 10 May 2021 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: May 11 04:01:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	99030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	97002	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49336	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26147	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.919	69	22745	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.572	65	14638	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.649	46	113434	45.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	5.073	84	66925	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.713	65	41357	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.735	84	116425	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.700	67	42217	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.906	98	104486	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	8.185	79	17279	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.642	63	92860	59.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38588	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39117	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	31849	4.75	ug/L	97
3) Chloromethane	1.520	50	33703	4.77	ug/L	99
5) Vinyl chloride	1.607	62	33096	4.94	ug/L	98
6) Bromomethane	1.861	94	17088	5.38	ug/L	100
8) Chloroethane	1.938	64	21246	4.91	ug/L	96
9) Trichlorofluoromethane	2.144	101	49726	4.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31634	4.91	ug/L	98
12) 1,1-Dichloroethene	2.588	96	27524	4.97	ug/L	87
13) Acetone	2.655	43	64050	38.85	ug/L	95
14) Carbon disulfide	2.800	76	63897	4.61	ug/L	98
15) Methyl Acetate	2.964	43	16203	4.31	ug/L	100
16) Methylene chloride	3.054	84	38133	4.30	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	87284	5.39	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	28797	4.99	ug/L	98
19) 1,1-Dichloroethane	3.880	63	69771	5.08	ug/L	99
21) 2-Butanone	4.726	43	117089	44.30	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	33440	4.93	ug/L	96
23) Bromochloromethane	4.983	128	16139	5.35	ug/L	95
25) Chloroform	5.099	83	71509	4.89	ug/L	98

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27) 1,2-Dichloroethane	5.806	62	48424	4.88	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	56655	4.97	ug/L	98
30) Cyclohexane	5.401	56	47273	5.19	ug/L	99
31) Carbon tetrachloride	5.533	117	44721	4.78	ug/L	97
33) Benzene	5.784	78	134459	5.26	ug/L	100
34) Trichloroethene	6.549	95	33282	5.10	ug/L	97
35) Methylcyclohexane	6.771	83	42508	5.04	ug/L	98
37) 1,2-Dichloropropane	6.800	63	41716	5.47	ug/L	100
38) Bromodichloromethane	7.115	83	51576	5.22	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	50421	4.98	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	360964	57.82	ug/L	100
42) Toluene	7.977	91	141780	5.31	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	47882	5.20	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	27914	5.30	ug/L	99
47) Tetrachloroethene	8.558	164	23512	4.89	ug/L	97
48) 2-Hexanone	8.694	43	270962	58.51	ug/L	99
49) Dibromochloromethane	8.819	129	32250	5.06	ug/L	100
50) 1,2-Dibromoethane	8.931	107	25389	5.18	ug/L	99
51) Chlorobenzene	9.452	112	85283	5.02	ug/L	97
52) Ethylbenzene	9.578	91	148519	5.24	ug/L	100
53) m,p-Xylene	9.700	106	52434	5.09	ug/L	98
54) o-Xylene	10.108	106	52563	5.25	ug/L	95
55) Styrene	10.121	104	94732	5.40	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	37753	5.31	ug/L	93
59) Bromoform	10.298	173	18277	5.09	ug/L	98
60) Isopropylbenzene	10.491	105	144869	5.39	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	27558	5.52	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	115395	5.46	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	116874	5.52	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	69113	5.19	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	69966	5.11	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	68096	5.08	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	6577	5.52	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	53024	5.03	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	43672	5.02	ug/L	99
71) Naphthalene	14.092	128	82796	5.52	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	43130	5.28	ug/L	99

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

