

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043548.D
 Acq On : 05 May 2021 12:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005160

Quant Time: May 05 12:24:04 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	6.256	114	89061	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88956	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46302	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28358	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.919	69	23265	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.572	65	14997	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.652	46	123144	55.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.78%
24) Chloroform-d	5.073	84	66732	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.710	65	39153	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.735	84	114041	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.700	67	40313	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.903	98	105328	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.185	79	15885	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.642	63	77081	53.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33841	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	37326	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	31209	5.18	ug/L	99
3) Chloromethane	1.520	50	31112	4.89	ug/L	99
5) Vinyl chloride	1.607	62	30701	5.09	ug/L	97
6) Bromomethane	1.861	94	16787	5.88	ug/L	99
8) Chloroethane	1.938	64	19281	4.95	ug/L	99
9) Trichlorofluoromethane	2.141	101	50147	5.34	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	31319	5.40	ug/L	99
12) 1,1-Dichloroethene	2.584	96	26664	5.35	ug/L	92
13) Acetone	2.668	43	84628	57.08	ug/L	98
14) Carbon disulfide	2.797	76	61666	4.95	ug/L	98
15) Methyl Acetate	2.967	43	18471	5.46	ug/L	100
16) Methylene chloride	3.051	84	36349	4.56	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	76500	5.26	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	26752	5.16	ug/L	98
19) 1,1-Dichloroethane	3.880	63	67102	5.43	ug/L	97
21) 2-Butanone	4.732	43	131762	55.43	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	31959	5.24	ug/L	99
23) Bromochloromethane	4.983	128	14361	5.29	ug/L	81
25) Chloroform	5.096	83	66831	5.08	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47163	5.29	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	56181	5.37	ug/L	99
30) Cyclohexane	5.398	56	44298	5.31	ug/L	99
31) Carbon tetrachloride	5.533	117	44712	5.22	ug/L	99
33) Benzene	5.784	78	127791	5.45	ug/L	100
34) Trichloroethene	6.549	95	31909	5.33	ug/L	97
35) Methylcyclohexane	6.771	83	41040	5.30	ug/L	98
37) 1,2-Dichloropropane	6.800	63	39234	5.61	ug/L	100
38) Bromodichloromethane	7.112	83	48483	5.35	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	48847	5.27	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	320501	55.98	ug/L	99
42) Toluene	7.977	91	136303	5.56	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	44697	5.29	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	26308	5.44	ug/L	98
47) Tetrachloroethene	8.558	164	23200	5.26	ug/L	97
48) 2-Hexanone	8.694	43	245223	57.74	ug/L	100
49) Dibromochloromethane	8.816	129	30860	5.28	ug/L	99
50) 1,2-Dibromoethane	8.931	107	23699	5.27	ug/L	99
51) Chlorobenzene	9.452	112	83423	5.35	ug/L	98
52) Ethylbenzene	9.578	91	140250	5.40	ug/L	100
53) m,p-Xylene	9.700	106	52434	5.55	ug/L	97
54) o-Xylene	10.108	106	50065	5.46	ug/L	94
55) Styrene	10.121	104	90432	5.62	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	35142	5.39	ug/L	96
59) Bromoform	10.298	173	17907	5.32	ug/L	96
60) Isopropylbenzene	10.491	105	138332	5.48	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	25950	5.54	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	107064	5.40	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	111518	5.62	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	68102	5.45	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	67789	5.28	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	64477	5.12	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	5865	5.25	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	52404	5.29	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	41841	5.13	ug/L	99
71) Naphthalene	14.095	128	69636	4.95	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	40047	5.23	ug/L	98

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

