

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043491.D
 Acq On : 03 May 2021 17:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: May 04 07:41:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	93055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	92199	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48153	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36614	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.916	69	27441	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.568	65	18244	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.652	46	135954	58.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.06%
24) Chloroform-d	5.073	84	71514	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.713	65	44158	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.735	84	131768	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.700	67	45386	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.906	98	123202	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloroprop...	8.185	79	17921	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.642	63	87626	59.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37868	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	43960	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33001	5.24	ug/L	97
3) Chloromethane	1.520	50	32082	4.83	ug/L	98
5) Vinyl chloride	1.604	62	32091	5.09	ug/L	98
6) Bromomethane	1.861	94	16952	5.68	ug/L	96
8) Chloroethane	1.938	64	20255	4.98	ug/L	98
9) Trichlorofluoromethane	2.141	101	50643	5.16	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	31879	5.26	ug/L	97
12) 1,1-Dichloroethene	2.584	96	27328	5.25	ug/L	94
13) Acetone	2.665	43	85812	55.39	ug/L	99
14) Carbon disulfide	2.797	76	64843	4.98	ug/L	98
15) Methyl Acetate	2.967	43	19017	5.38	ug/L	97
16) Methylene chloride	3.054	84	34169	4.10	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	80994	5.33	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	27535	5.08	ug/L	99
19) 1,1-Dichloroethane	3.880	63	67031	5.20	ug/L	99
21) 2-Butanone	4.732	43	141163	56.84	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	33023	5.18	ug/L	98
23) Bromochloromethane	4.986	128	15510	5.47	ug/L	92
25) Chloroform	5.099	83	69768	5.08	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	50430	5.41	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	56930	5.25	ug/L	98
30) Cyclohexane	5.398	56	44897	5.19	ug/L	97
31) Carbon tetrachloride	5.533	117	45336	5.10	ug/L	100
33) Benzene	5.784	78	129779	5.34	ug/L	100
34) Trichloroethene	6.549	95	32867	5.30	ug/L	95
35) Methylcyclohexane	6.771	83	41466	5.17	ug/L	97
37) 1,2-Dichloropropane	6.800	63	39210	5.41	ug/L	99
38) Bromodichloromethane	7.115	83	49101	5.23	ug/L	93
39) cis-1,3-Dichloropropene	7.616	75	50735	5.28	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	350685	59.10	ug/L	99
42) Toluene	7.976	91	139523	5.50	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	46785	5.34	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	26984	5.39	ug/L	96
47) Tetrachloroethene	8.562	164	25991	5.69	ug/L	96
48) 2-Hexanone	8.694	43	265160	60.24	ug/L	99
49) Dibromochloromethane	8.819	129	32379	5.35	ug/L	99
50) 1,2-Dibromoethane	8.931	107	25342	5.43	ug/L	98
51) Chlorobenzene	9.452	112	85144	5.27	ug/L	100
52) Ethylbenzene	9.578	91	142492	5.29	ug/L	99
53) m,p-Xylene	9.700	106	53251	5.44	ug/L	99
54) o-Xylene	10.108	106	50892	5.35	ug/L	98
55) Styrene	10.121	104	93486	5.61	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	36641	5.42	ug/L	95
59) Bromoform	10.298	173	19125	5.46	ug/L	96
60) Isopropylbenzene	10.491	105	138969	5.29	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	27238	5.59	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	110897	5.38	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	111920	5.42	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	69738	5.36	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	68348	5.12	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	67344	5.14	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6425	5.53	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	53544	5.20	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	42794	5.04	ug/L	100
71) Naphthalene	14.095	128	77639	5.31	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	42977	5.39	ug/L	100

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

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