

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080322\
 Data File : VU050050.D
 Acq On : 03 Aug 2022 12:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Aug 04 01:41:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 03 00:51:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80675	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	80128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32577	4.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.909	69	26629	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.565	65	11974	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.629	46	87560	56.786	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.580%
24) Chloroform-d	5.063	84	61267	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.703	65	31631	5.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.729	84	118674	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.694	67	39989	5.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.899	98	106397	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.179	79	14425	5.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.636	63	51844	50.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35549	5.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	34769	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	29776	4.782	ug/L	99
3) Chloromethane	1.520	50	34176	4.632	ug/L	91
5) Vinyl chloride	1.604	62	33956	4.897	ug/L	96
6) Bromomethane	1.855	94	19796	5.158	ug/L	99
8) Chloroethane	1.932	64	21264	5.408	ug/L	94
9) Trichlorofluoromethane	2.137	101	42430	5.195	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	25188	5.238	ug/L	97
12) 1,1-Dichloroethene	2.578	96	23778	5.340	ug/L	97
13) Acetone	2.636	43	56506	52.137	ug/L	97
14) Carbon disulfide	2.790	76	59798	4.421	ug/L	100
15) Methyl Acetate	2.954	43	12777	5.682	ug/L	98
16) Methylene chloride	3.044	84	40680	5.942	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	69716	5.601	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	26563	5.428	ug/L	93
19) 1,1-Dichloroethane	3.867	63	56553	5.633	ug/L	98
21) 2-Butanone	4.710	43	92898	59.512	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	31829	5.441	ug/L	95
23) Bromochloromethane	4.977	128	15296	5.710	ug/L	95
25) Chloroform	5.089	83	60518	5.379	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	37038	5.899	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	45843	5.388	ug/L	100
30) Cyclohexane	5.388	56	33367	4.646	ug/L	97
31) Carbon tetrachloride	5.523	117	36628	5.300	ug/L	99
33) Benzene	5.774	78	125618	5.371	ug/L	100
34) Trichloroethene	6.542	95	29123	5.123	ug/L	98
35) Methylcyclohexane	6.764	83	34198	4.561	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34887	5.413	ug/L	99
38) Bromodichloromethane	7.105	83	44709	5.733	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	44379	5.321	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	216039	58.013	ug/L	100
42) Toluene	7.970	91	129138	5.431	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	39281	5.608	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	27315	5.672	ug/L	96
47) Tetrachloroethene	8.555	164	21441	5.241	ug/L	97
48) 2-Hexanone	8.687	43	168397	59.320	ug/L	97
49) Dibromochloromethane	8.809	129	30745	5.834	ug/L	99
50) 1,2-Dibromoethane	8.925	107	24510	5.732	ug/L	99
51) Chlorobenzene	9.449	112	81794	5.418	ug/L	99
52) Ethylbenzene	9.571	91	121557	5.218	ug/L	99
53) m,p-Xylene	9.697	106	46453	5.237	ug/L	99
54) o-Xylene	10.102	106	46350	5.390	ug/L	93
55) Styrene	10.115	104	79423	5.422	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	36008	5.744	ug/L	99
59) Bromoform	10.291	173	17940	5.877	ug/L	100
60) Isopropylbenzene	10.484	105	114405	5.100	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	25376	5.754	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	88748	4.869	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	88932	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	58211	5.419	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	56205	5.288	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	58802	5.510	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	5270	6.049	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	40651	5.249	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	31850	5.155	ug/L	99
71) Naphthalene	14.089	128	57131	4.664	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	32278	5.264	ug/L	99

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

