

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050171.D
 Acq On : 09 Aug 2022 07:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: Aug 09 07:56:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42383	5.564	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.200%	
7) Chloroethane-d5	1.909	69	34935	5.684	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.600%	
11) 1,1-Dichloroethene-d2	2.565	65	16239	5.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.000%	
20) 2-Butanone-d5	4.629	46	114114	61.427	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.860%	
24) Chloroform-d	5.063	84	80155	5.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.200%	
26) 1,2-Dichloroethane-d4	5.703	65	39969	5.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.800%	
32) Benzene-d6	5.729	84	156996	5.543	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.800%	
36) 1,2-Dichloropropane-d6	6.690	67	52313	5.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.200%	
41) Toluene-d8	7.899	98	141788	5.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.400%	
43) trans-1,3-Dichloroprop...	8.179	79	15991	4.785	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.636	63	82346	69.480	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.960%#	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	44998	5.494	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	45066	5.340	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	38875	4.632	ug/L	100
3) Chloromethane	1.520	50	50261	4.578	ug/L	99
5) Vinyl chloride	1.600	62	46819	4.761	ug/L	99
6) Bromomethane	1.854	94	20468	3.260	ug/L	98
8) Chloroethane	1.932	64	27263	4.705	ug/L	99
9) Trichlorofluoromethane	2.134	101	51508	4.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	29307	4.892	ug/L	97
12) 1,1-Dichloroethene	2.578	96	29600	4.678	ug/L	94
13) Acetone	2.639	43	61693	59.631	ug/L	90
14) Carbon disulfide	2.790	76	105662	4.675	ug/L	99
15) Methyl Acetate	2.957	43	16049	5.681	ug/L	93
16) Methylene chloride	3.044	84	46193	4.778	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	81398	4.929	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	34139	4.819	ug/L	96
19) 1,1-Dichloroethane	3.870	63	67145	5.005	ug/L	99
21) 2-Butanone	4.710	43	105814	56.877	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	38865	4.942	ug/L	98
23) Bromochloromethane	4.973	128	18227	4.850	ug/L	96
25) Chloroform	5.089	83	70098	4.901	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42868	4.925	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	53616	4.816	ug/L	99
30) Cyclohexane	5.388	56	44472	4.585	ug/L	100
31) Carbon tetrachloride	5.526	117	44353	4.860	ug/L	98
33) Benzene	5.774	78	154866	4.870	ug/L	100
34) Trichloroethene	6.542	95	36458	4.741	ug/L	96
35) Methylcyclohexane	6.764	83	43807	4.413	ug/L	100
37) 1,2-Dichloropropane	6.793	63	42147	4.976	ug/L	99
38) Bromodichloromethane	7.105	83	50175	4.877	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	46480	4.205	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	246647	50.276	ug/L	100
42) Toluene	7.970	91	158008	4.955	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40356	4.257	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	30697	4.848	ug/L	96
47) Tetrachloroethene	8.555	164	24899	4.519	ug/L	95
48) 2-Hexanone	8.684	43	189009	49.813	ug/L	97
49) Dibromochloromethane	8.809	129	34543	4.929	ug/L	96
50) 1,2-Dibromoethane	8.925	107	28652	4.991	ug/L	100
51) Chlorobenzene	9.446	112	96062	4.788	ug/L	96
52) Ethylbenzene	9.571	91	146474	4.707	ug/L	98
53) m,p-Xylene	9.693	106	56341	4.916	ug/L	99
54) o-Xylene	10.102	106	56585	4.946	ug/L	96
55) Styrene	10.115	104	94724	4.956	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	41248	4.958	ug/L	100
59) Bromoform	10.291	173	19775	4.578	ug/L	99
60) Isopropylbenzene	10.484	105	138103	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27843	4.745	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	36079	4.439	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	102759	4.641	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	68539	4.727	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	66243	4.695	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	66798	4.757	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5979	5.197	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	47014	4.552	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	36018	4.603	ug/L	100
71) Naphthalene	14.085	128	74203	4.624	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	38837	4.896	ug/L	99

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

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