

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050132.D
 Acq On : 08 Aug 2022 12:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Aug 09 00:36:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	99134	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44914	5.444	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.909	69	36262	5.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.562	65	17830	5.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	4.639	46	114198	56.763	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	5.063	84	79170	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.703	65	38269	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.729	84	158121	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.694	67	50169	5.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.899	98	144440	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	8.179	79	18475	5.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.636	63	74034	59.176	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43583	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45256	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54251	5.969	ug/L	99
3) Chloromethane	1.520	50	55961	4.707	ug/L	98
5) Vinyl chloride	1.601	62	55690	5.229	ug/L	100
6) Bromomethane	1.855	94	29116	4.283	ug/L	99
8) Chloroethane	1.932	64	30578	4.872	ug/L	96
9) Trichlorofluoromethane	2.134	101	68031	5.833	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	39262	6.051	ug/L	98
12) 1,1-Dichloroethene	2.575	96	38184	5.572	ug/L	92
13) Acetone	2.646	43	70221	62.674	ug/L	98
14) Carbon disulfide	2.787	76	128605	5.255	ug/L	100
15) Methyl Acetate	2.957	43	15389	5.030	ug/L	95
16) Methylene chloride	3.044	84	46732	4.463	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	89792	5.021	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	39931	5.205	ug/L	96
19) 1,1-Dichloroethane	3.867	63	74539	5.130	ug/L	100
21) 2-Butanone	4.716	43	117762	58.450	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	43553	5.114	ug/L	96
23) Bromochloromethane	4.977	128	20012	4.917	ug/L	99
25) Chloroform	5.089	83	78129	5.044	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	46325	4.914	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	64507	5.489	ug/L	99
30) Cyclohexane	5.388	56	62720	6.125	ug/L	99
31) Carbon tetrachloride	5.523	117	54892	5.698	ug/L	100
33) Benzene	5.774	78	175152	5.218	ug/L	100
34) Trichloroethene	6.542	95	42149	5.192	ug/L	98
35) Methylcyclohexane	6.764	83	65220	6.224	ug/L	99
37) 1,2-Dichloropropane	6.793	63	46419	5.192	ug/L	100
38) Bromodichloromethane	7.108	83	55104	5.074	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	60197	5.159	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	274715	53.048	ug/L	100
42) Toluene	7.970	91	182608	5.424	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	51853	5.181	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33860	5.066	ug/L	97
47) Tetrachloroethene	8.555	164	31937	5.491	ug/L	98
48) 2-Hexanone	8.687	43	209210	52.233	ug/L	99
49) Dibromochloromethane	8.812	129	37973	5.133	ug/L	100
50) 1,2-Dibromoethane	8.925	107	31592	5.213	ug/L	100
51) Chlorobenzene	9.449	112	108864	5.140	ug/L	96
52) Ethylbenzene	9.571	91	175406	5.340	ug/L	100
53) m,p-Xylene	9.693	106	66138	5.467	ug/L	97
54) o-Xylene	10.102	106	64845	5.370	ug/L	98
55) Styrene	10.115	104	112016	5.552	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	44315	5.046	ug/L	99
59) Bromoform	10.292	173	21878	4.768	ug/L	97
60) Isopropylbenzene	10.484	105	165912	5.430	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31069	4.985	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	44499	5.155	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	124144	5.278	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	79156	5.140	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	76451	5.102	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	76163	5.107	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	6587	5.390	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	56773	5.175	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	45083	5.424	ug/L	98
71) Naphthalene	14.089	128	87886	5.156	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	45762	5.431	ug/L	99

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

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