

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058677.D
 Acq On : 13 Apr 2024 00:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Apr 13 01:07:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35853	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20800	4.310	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.907	69	20870	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.560	65	10073	4.612	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.621	46	47251	46.464	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.920%	
24) Chloroform-d	5.052	84	51837	5.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.692	65	24533	5.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	5.717	84	94666	4.938	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.682	67	30787	5.121	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.891	98	83262	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
43) trans-1,3-Dichloroprop...	8.174	79	9129	4.892	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.630	63	16537	21.485	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	42.960%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20883	4.920	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	26350	4.364	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	24439	4.023	ug/L	98
3) Chloromethane	1.515	50	30952	4.163	ug/L	98
5) Vinyl chloride	1.599	62	32790	4.416	ug/L	98
6) Bromomethane	1.853	94	14030	3.994	ug/L	99
8) Chloroethane	1.927	64	22477	4.792	ug/L	98
9) Trichlorofluoromethane	2.132	101	43642	4.451	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26627	4.570	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22857	4.425	ug/L	95
13) Acetone	2.628	43	36598	42.165	ug/L	97
14) Carbon disulfide	2.785	76	67292	4.101	ug/L	99
15) Methyl Acetate	2.943	43	42928	20.961	ug/L	99
16) Methylene chloride	3.036	84	33293	4.856	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	55301	4.532	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	24967	4.612	ug/L	99
19) 1,1-Dichloroethane	3.859	63	57679	4.881	ug/L	97
21) 2-Butanone	4.698	43	48225	37.173	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	28226	4.643	ug/L	93
23) Bromochloromethane	4.965	128	10984	4.585	ug/L	86
25) Chloroform	5.078	83	56193	4.913	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	33778	4.850	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	45131	4.727	ug/L	98
30) Cyclohexane	5.380	56	43540	4.318	ug/L	97
31) Carbon tetrachloride	5.515	117	38193	4.724	ug/L	100
33) Benzene	5.766	78	117574	4.555	ug/L	100
34) Trichloroethene	6.534	95	28769	4.422	ug/L	98
35) Methylcyclohexane	6.756	83	41241	4.207	ug/L	97
37) 1,2-Dichloropropane	6.782	63	33461	4.927	ug/L	99
38) Bromodichloromethane	7.097	83	38489	4.965	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	37864	4.385	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	100053	31.301	ug/L	97
42) Toluene	7.962	91	121826	4.500	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	30964	4.547	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	18506	4.666	ug/L	98
47) Tetrachloroethene	8.547	164	20476	4.293	ug/L	98
48) 2-Hexanone	8.682	43	42027	18.521	ug/L	93
49) Dibromochloromethane	8.801	129	21404	4.668	ug/L	96
50) 1,2-Dibromoethane	8.917	107	16047	4.424	ug/L	100
51) Chlorobenzene	9.441	112	73249	4.471	ug/L	99
52) Ethylbenzene	9.563	91	127868	4.458	ug/L	99
53) m,p-Xylene	9.688	106	45919	4.471	ug/L	97
54) o-Xylene	10.093	106	45199	4.489	ug/L	100
55) Styrene	10.110	104	71689	4.425	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	22424	4.583	ug/L	96
59) Bromoform	10.286	173	10795	4.507	ug/L	99
60) Isopropylbenzene	10.479	105	115998	4.419	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	16366	4.474	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	91579	4.279	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	93859	4.294	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	54478	4.273	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	53129	4.277	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	49925	4.305	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	2988	4.816	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	38483	4.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	26556	3.653	ug/L	99
71) Naphthalene	14.084	128	28823	2.893	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21693	3.613	ug/L	100

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

