

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058004.D
 Acq On : 08 Mar 2024 08:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Mar 09 00:07:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 07 03:58:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138829	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45774	4.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	39363	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	21122	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.608	46	96514	58.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.280%
24) Chloroform-d	5.052	84	96561	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.692	65	45937	5.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.717	84	189118	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.682	67	58819	5.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	170468	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	20851	5.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.624	63	78330	58.012	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39631	5.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52248	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	44841	5.331	ug/L	100
3) Chloromethane	1.515	50	52043	5.291	ug/L	100
5) Vinyl chloride	1.599	62	56258	5.318	ug/L	99
6) Bromomethane	1.849	94	29740	5.337	ug/L	94
8) Chloroethane	1.927	64	36059	5.412	ug/L	95
9) Trichlorofluoromethane	2.132	101	80942	5.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50739	5.385	ug/L	97
12) 1,1-Dichloroethene	2.573	96	44403	5.301	ug/L	93
13) Acetone	2.611	43	69891	57.064	ug/L	96
14) Carbon disulfide	2.785	76	131906	5.093	ug/L	99
15) Methyl Acetate	2.943	43	15944	5.866	ug/L	92
16) Methylene chloride	3.036	84	51168	5.026	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	107293	5.416	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	48139	5.276	ug/L	96
19) 1,1-Dichloroethane	3.859	63	100370	5.515	ug/L	97
21) 2-Butanone	4.689	43	108457	56.198	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	52777	5.258	ug/L	96
23) Bromochloromethane	4.965	128	20919	5.613	ug/L	95
25) Chloroform	5.078	83	100673	5.418	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57014	5.542	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84973	5.408	ug/L	99
30) Cyclohexane	5.380	56	80021	5.044	ug/L	99
31) Carbon tetrachloride	5.515	117	73859	5.410	ug/L	99
33) Benzene	5.766	78	214655	5.299	ug/L	100
34) Trichloroethene	6.534	95	56188	5.272	ug/L	96
35) Methylcyclohexane	6.756	83	82478	5.048	ug/L	98
37) 1,2-Dichloropropane	6.782	63	55990	5.360	ug/L	99
38) Bromodichloromethane	7.097	83	69400	5.476	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	77904	5.413	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	270346	56.262	ug/L	99
42) Toluene	7.965	91	222859	5.283	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	61930	5.400	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	33627	5.429	ug/L	97
47) Tetrachloroethene	8.547	164	38347	5.186	ug/L	96
48) 2-Hexanone	8.676	43	195813	55.568	ug/L	98
49) Dibromochloromethane	8.804	129	41579	5.672	ug/L	98
50) 1,2-Dibromoethane	8.917	107	30164	5.488	ug/L	97
51) Chlorobenzene	9.441	112	140322	5.304	ug/L	98
52) Ethylbenzene	9.566	91	247129	5.235	ug/L	100
53) m,p-Xylene	9.688	106	90314	5.355	ug/L	97
54) o-Xylene	10.094	106	88062	5.239	ug/L	100
55) Styrene	10.110	104	143913	5.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	41829	5.733	ug/L	100
59) Bromoform	10.286	173	20564	5.791	ug/L	99
60) Isopropylbenzene	10.479	105	225681	5.322	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29559	5.668	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	190559	5.328	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	192293	5.448	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	102776	5.332	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	100085	5.305	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	91990	5.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	5844	5.648	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	73687	5.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	53572	5.143	ug/L	99
71) Naphthalene	14.084	128	65606	4.612	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41390	5.030	ug/L	99

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

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