

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062640.D
 Acq On : 31 Dec 2024 10:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Quant Time: Jan 01 00:10:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 31 00:16:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	99673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22654	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.901	69	19694	4.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.557	65	12492	3.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.612	46	61310	47.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.160%
24) Chloroform-d	5.052	84	68401	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	36735	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	111703	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.679	67	32819	4.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.888	98	109813	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	16752	4.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.624	63	55016	52.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28013	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43031	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	39338	4.213	ug/L	99
3) Chloromethane	1.515	50	27141	3.708	ug/L	95
5) Vinyl chloride	1.596	62	32497	4.265	ug/L	100
6) Bromomethane	1.843	94	23262	4.580	ug/L	100
8) Chloroethane	1.920	64	19741	4.626	ug/L	96
9) Trichlorofluoromethane	2.129	101	70160	5.305	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35902	4.987	ug/L	92
12) 1,1-Dichloroethene	2.570	96	30792	4.575	ug/L	93
13) Acetone	2.618	43	45186	51.507	ug/L	99
14) Carbon disulfide	2.782	76	77778	3.655	ug/L	99
15) Methyl Acetate	2.946	43	10251	4.662	ug/L	93
16) Methylene chloride	3.033	84	33437	4.733	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	89896	5.362	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	32691	4.728	ug/L	88
19) 1,1-Dichloroethane	3.856	63	61877	4.882	ug/L	96
21) 2-Butanone	4.692	43	65381	51.318	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	38691	4.992	ug/L	95
23) Bromochloromethane	4.962	128	17782	5.234	ug/L #	77
25) Chloroform	5.075	83	75915	5.317	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	49457	5.451	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	72582	5.432	ug/L	95
30) Cyclohexane	5.377	56	43883	4.050	ug/L	88
31) Carbon tetrachloride	5.512	117	64498	5.264	ug/L	99
33) Benzene	5.763	78	136703	4.644	ug/L	100
34) Trichloroethene	6.531	95	43274	5.190	ug/L	99
35) Methylcyclohexane	6.753	83	52790	4.270	ug/L	95
37) 1,2-Dichloropropane	6.779	63	33869	4.725	ug/L	99
38) Bromodichloromethane	7.094	83	53617	5.302	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	57016	4.963	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	162067	48.243	ug/L #	92
42) Toluene	7.962	91	153413	4.834	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	50144	5.345	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	27119	5.012	ug/L	98
47) Tetrachloroethene	8.547	164	31348	4.870	ug/L	95
48) 2-Hexanone	8.676	43	116782	47.038	ug/L #	95
49) Dibromochloromethane	8.801	129	37989	5.811	ug/L	100
50) 1,2-Dibromoethane	8.917	107	26736	5.142	ug/L	98
51) Chlorobenzene	9.438	112	101190	4.976	ug/L	97
52) Ethylbenzene	9.563	91	176099	4.949	ug/L	99
53) m,p-Xylene	9.685	106	66420	5.056	ug/L	99
54) o-Xylene	10.090	106	64739	5.067	ug/L	99
55) Styrene	10.107	104	108800	5.165	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	31988	5.079	ug/L #	97
59) Bromoform	10.283	173	21883	5.588	ug/L	99
60) Isopropylbenzene	10.476	105	184346	5.121	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23330	5.063	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	154847	5.083	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	156014	5.227	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	85447	5.167	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	84193	5.056	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	79040	5.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6153	6.121	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.213	180	65962	5.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	53867	5.550	ug/L	97
71) Naphthalene	14.081	128	80784	5.543	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46872	5.476	ug/L	99

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

