

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062645.D
 Acq On : 31 Dec 2024 14:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005094

Quant Time: Jan 01 00:35:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	94187	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19871	3.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.901	69	18360	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.557	65	10946	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.615	46	57022	46.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.660%
24) Chloroform-d	5.052	84	61216	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	33098	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	100663	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.679	67	29549	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.891	98	98126	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.174	79	14868	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.624	63	49233	52.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25976	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	38087	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36720	4.162	ug/L	98
3) Chloromethane	1.515	50	25683	3.714	ug/L	99
5) Vinyl chloride	1.599	62	29809	4.140	ug/L	99
6) Bromomethane	1.843	94	22158	4.617	ug/L	98
8) Chloroethane	1.920	64	18992	4.709	ug/L	97
9) Trichlorofluoromethane	2.129	101	65377	5.231	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32615	4.795	ug/L	95
12) 1,1-Dichloroethene	2.567	96	28388	4.464	ug/L #	87
13) Acetone	2.618	43	41469	50.023	ug/L	98
14) Carbon disulfide	2.782	76	72175	3.589	ug/L	99
15) Methyl Acetate	2.943	43	9641	4.640	ug/L #	90
16) Methylene chloride	3.033	84	32965	4.938	ug/L	87
17) Methyl tert-butyl Ether	3.351	73	87067	5.496	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	29992	4.590	ug/L	84
19) 1,1-Dichloroethane	3.856	63	57884	4.833	ug/L #	94
21) 2-Butanone	4.692	43	61163	50.804	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	36600	4.997	ug/L	90
23) Bromochloromethane	4.962	128	16936	5.275	ug/L #	81
25) Chloroform	5.075	83	71752	5.319	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46705	5.448	ug/L #	94
29) 1,1,1-Trichloroethane	5.303	97	67116	5.516	ug/L	95
30) Cyclohexane	5.377	56	38799	3.932	ug/L	86
31) Carbon tetrachloride	5.512	117	59552	5.337	ug/L	99
33) Benzene	5.763	78	125432	4.679	ug/L	100
34) Trichloroethene	6.531	95	39216	5.165	ug/L	97
35) Methylcyclohexane	6.753	83	47719	4.239	ug/L	93
37) 1,2-Dichloropropane	6.779	63	32181	4.930	ug/L	98
38) Bromodichloromethane	7.097	83	50504	5.484	ug/L	95
39) cis-1,3-Dichloropropene	7.599	75	52086	4.978	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	153258	50.094	ug/L #	91
42) Toluene	7.962	91	138882	4.805	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	45914	5.374	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	26124	5.301	ug/L	97
47) Tetrachloroethene	8.544	164	28874	4.925	ug/L	95
48) 2-Hexanone	8.676	43	110633	48.931	ug/L #	96
49) Dibromochloromethane	8.801	129	34230	5.749	ug/L	93
50) 1,2-Dibromoethane	8.917	107	25819	5.452	ug/L #	99
51) Chlorobenzene	9.438	112	91969	4.966	ug/L	98
52) Ethylbenzene	9.563	91	158512	4.891	ug/L	99
53) m,p-Xylene	9.685	106	59521	4.975	ug/L	92
54) o-Xylene	10.091	106	58701	5.044	ug/L	97
55) Styrene	10.107	104	99129	5.168	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	29299	5.109	ug/L #	97
59) Bromoform	10.283	173	21127	5.777	ug/L	98
60) Isopropylbenzene	10.476	105	164211	4.885	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22437	5.214	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	138641	4.873	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	139155	4.992	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	76770	4.971	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	75295	4.842	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	71838	5.034	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	6011	6.404	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	58704	5.114	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	48563	5.358	ug/L	99
71) Naphthalene	14.081	128	71121	5.226	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	43247	5.411	ug/L	98

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

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