

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063144.D
 Acq On : 05 Feb 2025 01:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Feb 05 08:08:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	88274	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	83555	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	39595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24046	4.762	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.901	69	23639	5.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.554	65	10821	4.801	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.000%	
20) 2-Butanone-d5	4.602	46	79668	47.928	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.860%	
24) Chloroform-d	5.045	84	57973	5.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
26) 1,2-Dichloroethane-d4	5.689	65	28801	5.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.714	84	109170	5.009	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.679	67	36170	5.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.888	98	97585	5.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
43) trans-1,3-Dichloroprop...	8.168	79	12986	4.823	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.618	63	63415	46.800	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.600%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30684	4.838	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.180	152	33276	5.033	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	40119	5.246	ug/L	100
3) Chloromethane	1.515	50	40954	4.888	ug/L	98
5) Vinyl chloride	1.599	62	43835	5.169	ug/L	98
6) Bromomethane	1.843	94	15273	3.582	ug/L	98
8) Chloroethane	1.920	64	27082	5.301	ug/L	97
9) Trichlorofluoromethane	2.129	101	51317	5.387	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31007	5.295	ug/L	99
12) 1,1-Dichloroethene	2.567	96	30086	5.244	ug/L	98
13) Acetone	2.612	43	49898	47.669	ug/L	99
14) Carbon disulfide	2.779	76	106431	5.283	ug/L	99
15) Methyl Acetate	2.939	43	13897	4.861	ug/L	97
16) Methylene chloride	3.030	84	34818	5.073	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	77707	4.914	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	32758	5.339	ug/L	98
19) 1,1-Dichloroethane	3.853	63	64762	5.250	ug/L	99
21) 2-Butanone	4.685	43	82806	47.646	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	36847	5.384	ug/L	99
23) Bromochloromethane	4.959	128	15801	5.147	ug/L	96
25) Chloroform	5.071	83	64847	5.342	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	41319	5.166	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	52524	5.311	ug/L	99
30) Cyclohexane	5.373	56	54748	5.230	ug/L	99
31) Carbon tetrachloride	5.508	117	44640	5.349	ug/L	99
33) Benzene	5.759	78	145113	5.278	ug/L	100
34) Trichloroethene	6.531	95	36371	5.208	ug/L	98
35) Methylcyclohexane	6.753	83	53737	5.135	ug/L	99
37) 1,2-Dichloropropane	6.775	63	39075	5.328	ug/L	100
38) Bromodichloromethane	7.094	83	45065	5.118	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	51376	4.913	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	209193	48.328	ug/L	100
42) Toluene	7.959	91	153475	5.340	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	43147	4.928	ug/L	96
45) 1,1,2-Trichloroethane	8.386	97	27021	4.989	ug/L	99
47) Tetrachloroethene	8.544	164	26077	5.317	ug/L	98
48) 2-Hexanone	8.669	43	147420	48.275	ug/L	98
49) Dibromochloromethane	8.798	129	28539	5.006	ug/L	97
50) 1,2-Dibromoethane	8.910	107	25278	5.088	ug/L	97
51) Chlorobenzene	9.434	112	91674	5.284	ug/L	99
52) Ethylbenzene	9.560	91	160735	5.347	ug/L	100
53) m,p-Xylene	9.682	106	59974	5.531	ug/L	100
54) o-Xylene	10.090	106	56899	5.292	ug/L	97
55) Styrene	10.103	104	96442	5.449	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	34275	4.930	ug/L	100
59) Bromoform	10.280	173	17028	4.988	ug/L	97
60) Isopropylbenzene	10.473	105	152864	5.437	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	22976	4.809	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	119049	5.368	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	118392	5.551	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	67498	5.298	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	67768	5.291	ug/L	97
67) 1,2-Dichlorobenzene	12.200	146	64238	5.396	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	4686	4.902	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	46217	5.310	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	36612	5.346	ug/L	99
71) Naphthalene	14.077	128	59820	5.322	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	33077	5.406	ug/L	100

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

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