

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063169.D
 Acq On : 05 Feb 2025 19:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Feb 06 07:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	87944	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	83143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	39791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20623	4.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.901	69	21087	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.554	65	9726	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.605	46	85475	51.615	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%
24) Chloroform-d	5.049	84	53107	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.689	65	27411	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	99382	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.676	67	33666	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	88221	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.171	79	12443	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.618	63	67098	49.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30697	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	31478	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39405	5.172	ug/L	100
3) Chloromethane	1.515	50	41472	4.969	ug/L	98
5) Vinyl chloride	1.599	62	43399	5.137	ug/L	99
6) Bromomethane	1.840	94	16646	3.919	ug/L	98
8) Chloroethane	1.920	64	26652	5.237	ug/L	99
9) Trichlorofluoromethane	2.126	101	50849	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	30330	5.199	ug/L	98
12) 1,1-Dichloroethene	2.567	96	30443	5.326	ug/L	93
13) Acetone	2.612	43	54024	51.805	ug/L	99
14) Carbon disulfide	2.779	76	104334	5.198	ug/L	99
15) Methyl Acetate	2.936	43	15586	5.472	ug/L	97
16) Methylene chloride	3.030	84	35234	5.153	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	82299	5.224	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	32457	5.310	ug/L	99
19) 1,1-Dichloroethane	3.853	63	63142	5.138	ug/L	98
21) 2-Butanone	4.682	43	94379	54.508	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	37009	5.428	ug/L	96
23) Bromochloromethane	4.962	128	16419	5.368	ug/L	95
25) Chloroform	5.071	83	64923	5.368	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	43133	5.413	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	52020	5.286	ug/L	98
30) Cyclohexane	5.374	56	54702	5.251	ug/L	100
31) Carbon tetrachloride	5.512	117	44081	5.308	ug/L	100
33) Benzene	5.759	78	143750	5.254	ug/L	100
34) Trichloroethene	6.528	95	36675	5.278	ug/L	96
35) Methylcyclohexane	6.750	83	53287	5.118	ug/L	99
37) 1,2-Dichloropropane	6.779	63	39146	5.365	ug/L	100
38) Bromodichloromethane	7.094	83	45578	5.201	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	54270	5.215	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	232317	53.937	ug/L	100
42) Toluene	7.959	91	153606	5.371	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	45782	5.255	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	28452	5.279	ug/L	99
47) Tetrachloroethene	8.544	164	26589	5.448	ug/L	99
48) 2-Hexanone	8.669	43	169204	55.683	ug/L	100
49) Dibromochloromethane	8.798	129	29704	5.236	ug/L	98
50) 1,2-Dibromoethane	8.914	107	26185	5.297	ug/L	99
51) Chlorobenzene	9.438	112	90851	5.263	ug/L	100
52) Ethylbenzene	9.560	91	158811	5.309	ug/L	99
53) m,p-Xylene	9.682	106	59301	5.496	ug/L	98
54) o-Xylene	10.090	106	58247	5.444	ug/L	100
55) Styrene	10.103	104	95760	5.437	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.769	83	37353	5.400	ug/L	96
59) Bromoform	10.280	173	17845	5.202	ug/L	96
60) Isopropylbenzene	10.473	105	153403	5.429	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24965	5.199	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	120142	5.390	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	118600	5.533	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	68789	5.373	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	67800	5.267	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	65862	5.505	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5371	5.591	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	46972	5.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	37369	5.430	ug/L	100
71) Naphthalene	14.077	128	63894	5.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	35510	5.775	ug/L	97

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

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