

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063187.D
 Acq On : 06 Feb 2025 11:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005132

Quant Time: Feb 07 07:25:50 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	6.238	114	86611	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	39556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20838	4.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.901	69	21223	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.557	65	9722	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.605	46	74838	45.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	5.049	84	52921	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.689	65	26389	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.714	84	100508	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.679	67	33901	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	89815	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.171	79	12270	4.622	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.621	63	59052	44.197	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28840	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	31564	4.779	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	40836	5.442	ug/L	99
3) Chloromethane	1.515	50	40455	4.921	ug/L	99
5) Vinyl chloride	1.599	62	42649	5.125	ug/L	99
6) Bromomethane	1.843	94	18948	4.529	ug/L	98
8) Chloroethane	1.923	64	26451	5.277	ug/L	98
9) Trichlorofluoromethane	2.129	101	51248	5.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32893	5.725	ug/L	99
12) 1,1-Dichloroethene	2.570	96	30099	5.347	ug/L	91
13) Acetone	2.612	43	47559	46.307	ug/L	97
14) Carbon disulfide	2.782	76	102538	5.187	ug/L	99
15) Methyl Acetate	2.939	43	13100	4.670	ug/L	98
16) Methylene chloride	3.030	84	35138	5.218	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	76604	4.938	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	32621	5.419	ug/L	97
19) 1,1-Dichloroethane	3.853	63	62874	5.195	ug/L	97
21) 2-Butanone	4.682	43	80548	47.236	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	36664	5.460	ug/L	100
23) Bromochloromethane	4.959	128	15743	5.226	ug/L	97
25) Chloroform	5.071	83	64113	5.383	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	39670	5.055	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	52257	5.359	ug/L	98
30) Cyclohexane	5.373	56	56520	5.476	ug/L	99
31) Carbon tetrachloride	5.512	117	44250	5.378	ug/L	100
33) Benzene	5.759	78	144012	5.312	ug/L	100
34) Trichloroethene	6.531	95	36791	5.343	ug/L	98
35) Methylcyclohexane	6.753	83	57770	5.599	ug/L	99
37) 1,2-Dichloropropane	6.779	63	38435	5.315	ug/L	99
38) Bromodichloromethane	7.094	83	44891	5.170	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	53908	5.228	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	203098	47.584	ug/L	100
42) Toluene	7.959	91	152603	5.385	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	44637	5.171	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	26861	5.030	ug/L	97
47) Tetrachloroethene	8.544	164	26386	5.456	ug/L	98
48) 2-Hexanone	8.672	43	142454	47.309	ug/L	99
49) Dibromochloromethane	8.798	129	28212	5.019	ug/L	99
50) 1,2-Dibromoethane	8.914	107	24782	5.059	ug/L	96
51) Chlorobenzene	9.438	112	91326	5.339	ug/L	98
52) Ethylbenzene	9.560	91	160958	5.430	ug/L	100
53) m,p-Xylene	9.685	106	61335	5.736	ug/L	98
54) o-Xylene	10.090	106	58345	5.503	ug/L	99
55) Styrene	10.106	104	96941	5.555	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	33022	4.817	ug/L	100
59) Bromoform	10.280	173	16976	4.978	ug/L	98
60) Isopropylbenzene	10.473	105	156967	5.588	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22900	4.797	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	126232	5.697	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	122909	5.769	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	69157	5.434	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	68278	5.336	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	65103	5.474	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	4567	4.782	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	49037	5.639	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	37143	5.429	ug/L	99
71) Naphthalene	14.081	128	54732	4.875	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	32543	5.324	ug/L	99

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

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