

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063035.D
 Acq On : 27 Jan 2025 23:07
 Operator : MD/SY
 Sample : Q1192-03MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MSD

Quant Time: Jan 29 07:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	97331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	55130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12412	3.547	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.904	69	13077	4.923	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.554	65	10138	4.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.605	46	45466	44.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.540%
24) Chloroform-d	5.049	84	62613	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.689	65	36621	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.714	84	90145	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.679	67	22835	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.885	98	94517	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.171	79	15199	4.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.618	63	39726	48.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24241	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	46502	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	38635	4.431	ug/L	99
3) Chloromethane	1.518	50	16564	3.950	ug/L	96
5) Vinyl chloride	1.599	62	19804	4.230	ug/L	92
6) Bromomethane	1.846	94	9872	4.407	ug/L	84
8) Chloroethane	1.927	64	13018	5.506	ug/L	97
9) Trichlorofluoromethane	2.129	101	62900	5.314	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30671	5.266	ug/L	89
12) 1,1-Dichloroethene	2.570	96	26116	5.165	ug/L	85
13) Acetone	2.612	43	35926	54.713	ug/L	95
14) Carbon disulfide	2.782	76	67713	5.227	ug/L	100
15) Methyl Acetate	2.940	43	5956	4.723	ug/L	94
16) Methylene chloride	3.030	84	26373	4.948	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	80546	5.318	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	28219	5.215	ug/L	91
19) 1,1-Dichloroethane	3.853	63	46139	4.919	ug/L	97
21) 2-Butanone	4.682	43	44589	49.789	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	31173	4.821	ug/L	95
23) Bromochloromethane	4.959	128	17379	5.355	ug/L #	77
25) Chloroform	5.071	83	65681	4.847	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46728	4.920	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	71220	5.043	ug/L	97
30) Cyclohexane	5.374	56	29617	4.503	ug/L #	76
31) Carbon tetrachloride	5.512	117	67419	4.959	ug/L	97
33) Benzene	5.759	78	105218	4.769	ug/L	100
34) Trichloroethene	6.531	95	35693	4.761	ug/L	91
35) Methylcyclohexane	6.750	83	43473	4.602	ug/L	90
37) 1,2-Dichloropropane	6.779	63	23158	4.667	ug/L #	95
38) Bromodichloromethane	7.094	83	49703	4.998	ug/L	96
39) cis-1,3-Dichloropropene	7.595	75	45926	4.916	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	114540	47.847	ug/L #	94
42) Toluene	7.959	91	128750	4.909	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	42581	4.948	ug/L	96
45) 1,1,2-Trichloroethane	8.386	97	24609	5.269	ug/L	91
47) Tetrachloroethene	8.541	164	34315	5.262	ug/L	95
48) 2-Hexanone	8.669	43	82169	49.487	ug/L #	95
49) Dibromochloromethane	8.798	129	38535	5.287	ug/L	96
50) 1,2-Dibromoethane	8.910	107	24526	5.199	ug/L	98
51) Chlorobenzene	9.435	112	92445	5.084	ug/L	96
52) Ethylbenzene	9.560	91	154116	5.042	ug/L	99
53) m,p-Xylene	9.682	106	59137	5.010	ug/L	98
54) o-Xylene	10.090	106	58932	5.450	ug/L	95
55) Styrene	10.103	104	91416	5.001	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	24996	4.784	ug/L #	89
59) Bromoform	10.280	173	25797	4.924	ug/L #	98
60) Isopropylbenzene	10.473	105	169480	4.851	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	20676	4.660	ug/L	92
62) 1,3,5-Trimethylbenzene	11.078	105	143577	4.688	ug/L	97
63) 1,2,4-Trimethylbenzene	11.457	105	144531	4.989	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	87261	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	86201	4.845	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	80072	4.799	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	6247	5.325	ug/L	87
69) 1,3,5-Trichlorobenzene	13.209	180	71125	5.020	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	59114	5.331	ug/L	98
71) Naphthalene	14.077	128	87963	6.182	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	51185	5.342	ug/L	96

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

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