

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063034.D
 Acq On : 27 Jan 2025 22:43
 Operator : MD/SY
 Sample : Q1192-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

Quant Time: Jan 29 07:32:35 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	6.238	114	99116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	92694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	55067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	12329	3.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	11749	4.343	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.557	65	9279	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.605	46	44693	43.219	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.440%
24) Chloroform-d	5.049	84	61055	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.689	65	34048	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.714	84	86426	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.679	67	21198	3.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.888	98	90923	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.168	79	14344	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.621	63	39185	47.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23254	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.180	152	43401	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	36630	4.126	ug/L	97
3) Chloromethane	1.518	50	16016	3.750	ug/L	99
5) Vinyl chloride	1.599	62	18825	3.948	ug/L	88
6) Bromomethane	1.846	94	9594	4.206	ug/L	91
8) Chloroethane	1.927	64	12554	5.214	ug/L	95
9) Trichlorofluoromethane	2.129	101	59060	4.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30112	5.077	ug/L	91
12) 1,1-Dichloroethene	2.570	96	24904	4.837	ug/L	92
13) Acetone	2.612	43	42037	62.867	ug/L	96
14) Carbon disulfide	2.782	76	65417	4.959	ug/L	99
15) Methyl Acetate	2.936	43	6192	4.822	ug/L	100
16) Methylene chloride	3.033	84	26089	4.806	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	77044	4.996	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	27309	4.956	ug/L	91
19) 1,1-Dichloroethane	3.853	63	43467	4.551	ug/L #	89
21) 2-Butanone	4.685	43	44391	48.675	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	32095	4.874	ug/L	92
23) Bromochloromethane	4.962	128	16667	5.043	ug/L #	85
25) Chloroform	5.074	83	65062	4.715	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	43346	4.481	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	68752	4.783	ug/L	97
30) Cyclohexane	5.373	56	29713	4.438	ug/L #	78
31) Carbon tetrachloride	5.512	117	65804	4.755	ug/L	100
33) Benzene	5.759	78	101389	4.515	ug/L	100
34) Trichloroethene	6.531	95	34907	4.574	ug/L	91
35) Methylcyclohexane	6.750	83	42583	4.429	ug/L	92
37) 1,2-Dichloropropane	6.775	63	21761	4.308	ug/L #	94
38) Bromodichloromethane	7.094	83	46818	4.626	ug/L	95
39) cis-1,3-Dichloropropene	7.595	75	45771	4.813	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	114295	46.908	ug/L #	95
42) Toluene	7.959	91	127772	4.787	ug/L	94
44) trans-1,3-Dichloropropene	8.200	75	41864	4.779	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	23818	5.011	ug/L	92
47) Tetrachloroethene	8.544	164	33890	5.106	ug/L	91
48) 2-Hexanone	8.669	43	84739	50.140	ug/L #	92
49) Dibromochloromethane	8.798	129	36538	4.926	ug/L	99
50) 1,2-Dibromoethane	8.910	107	25211	5.250	ug/L	96
51) Chlorobenzene	9.434	112	89095	4.814	ug/L	95
52) Ethylbenzene	9.560	91	148007	4.758	ug/L	98
53) m,p-Xylene	9.682	106	57408	4.779	ug/L	97
54) o-Xylene	10.087	106	55462	5.039	ug/L	97
55) Styrene	10.103	104	89469	4.808	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	25019	4.704	ug/L #	91
59) Bromoform	10.280	173	26138	4.995	ug/L	99
60) Isopropylbenzene	10.473	105	163127	4.675	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	18536	4.183	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.077	105	142751	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	140861	4.868	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	84719	4.782	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	83470	4.697	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	79345	4.760	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.984	75	5991	5.112	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.209	180	70411	4.975	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	56755	5.124	ug/L	99
71) Naphthalene	14.077	128	85909	6.045	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	51755	5.408	ug/L	94

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

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