

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063033.D
 Acq On : 27 Jan 2025 22:18
 Operator : MD/SY
 Sample : Q1174-15MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2944MS

Quant Time: Jan 29 07:32:07 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	6.235	114	90851	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	86435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	53844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12149	3.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.904	69	11865	4.785	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.554	65	9270	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.621	46	39190	41.345	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.680%
24) Chloroform-d	5.049	84	60441	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.689	65	33110	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.711	84	85757	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.676	67	21955	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.885	98	89706	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.168	79	14055	4.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.621	63	38676	49.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	22331	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	44704	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36547	4.491	ug/L	99
3) Chloromethane	1.515	50	14034	3.585	ug/L	93
5) Vinyl chloride	1.596	62	18360	4.201	ug/L	98
6) Bromomethane	1.847	94	10341	4.945	ug/L	100
8) Chloroethane	1.924	64	11936	5.409	ug/L	95
9) Trichlorofluoromethane	2.126	101	58449	5.290	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	28020	5.154	ug/L	90
12) 1,1-Dichloroethene	2.567	96	24679	5.229	ug/L	87
13) Acetone	2.641	43	28485	46.475	ug/L	81
14) Carbon disulfide	2.779	76	63499	5.252	ug/L	99
15) Methyl Acetate	2.953	43	5061	4.300	ug/L	94
16) Methylene chloride	3.030	84	24571	4.938	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	73811	5.221	ug/L	96
18) trans-1,2-Dichloroethene	3.338	96	25726	5.094	ug/L	87
19) 1,1-Dichloroethane	3.853	63	42979	4.909	ug/L	95
21) 2-Butanone	4.705	43	35733	42.746	ug/L	91
22) cis-1,2-Dichloroethene	4.650	96	31511	5.220	ug/L	91
23) Bromochloromethane	4.962	128	15769	5.206	ug/L #	84
25) Chloroform	5.072	83	62369	4.931	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	42714	4.818	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	66802	4.984	ug/L	97
30) Cyclohexane	5.374	56	29500	4.725	ug/L #	80
31) Carbon tetrachloride	5.512	117	62995	4.882	ug/L	99
33) Benzene	5.760	78	99056	4.730	ug/L	100
34) Trichloroethene	6.531	95	32808	4.611	ug/L	90
35) Methylcyclohexane	6.750	83	41836	4.666	ug/L	91
37) 1,2-Dichloropropane	6.776	63	21061	4.472	ug/L #	95
38) Bromodichloromethane	7.091	83	46267	4.902	ug/L	98
39) cis-1,3-Dichloropropene	7.596	75	43239	4.876	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	107498	47.313	ug/L #	93
42) Toluene	7.959	91	124577	5.005	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	40509	4.960	ug/L	99
45) 1,1,2-Trichloroethane	8.387	97	21986	4.960	ug/L	93
47) Tetrachloroethene	8.541	164	32748	5.291	ug/L	91
48) 2-Hexanone	8.673	43	79290	50.313	ug/L #	94
49) Dibromochloromethane	8.798	129	35777	5.172	ug/L	94
50) 1,2-Dibromoethane	8.914	107	23370	5.219	ug/L	96
51) Chlorobenzene	9.435	112	87833	5.089	ug/L	93
52) Ethylbenzene	9.560	91	145204	5.006	ug/L	97
53) m,p-Xylene	9.682	106	56158	5.013	ug/L	99
54) o-Xylene	10.087	106	55984	5.455	ug/L	92
55) Styrene	10.104	104	94418	5.442	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	23684	4.776	ug/L #	90
59) Bromoform	10.280	173	25035	4.893	ug/L	96
60) Isopropylbenzene	10.473	105	163170	4.782	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	18615	4.296	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	140875	4.709	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	142278	5.029	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	84110	4.856	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	83252	4.791	ug/L	98
67) 1,2-Dichlorobenzene	12.200	146	78731	4.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5956	5.198	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.209	180	72374	5.230	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	61022	5.635	ug/L	100
71) Naphthalene	14.078	128	99683	7.173	ug/L	98
72) 1,2,3-Trichlorobenzene	14.319	180	55001	5.878	ug/L	97

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

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