

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063155.D
 Acq On : 05 Feb 2025 13:22
 Operator : MD/SY
 Sample : Q1226-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZJ6

Quant Time: Feb 06 07:28:28 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	85917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	80984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	36703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21656	4.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.901	69	21412	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.557	65	9655	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.605	46	70534	43.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.200%
24) Chloroform-d	5.049	84	50940	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.689	65	26882	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.714	84	100252	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.676	67	33807	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.888	98	83520	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.171	79	11151	4.273	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.621	63	56097	42.713	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.420%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27723	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	31675	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	125182	15.166	ug/L	99
12) 1,1-Dichloroethene	2.570	96	25515	4.569	ug/L	95
16) Methylene chloride	3.029	84	137370	20.563	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	55866	9.356	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	90525	13.589	ug/L	99
27) 1,2-Dichloroethane	5.779	62	125243	16.088	ug/L	99
29) 1,1,1-Trichloroethane	5.299	97	75492	7.875	ug/L	99
31) Carbon tetrachloride	5.512	117	118404	14.639	ug/L	99
33) Benzene	5.759	78	328544	12.328	ug/L	100
34) Trichloroethene	6.531	95	87593	12.941	ug/L	98
37) 1,2-Dichloropropane	6.775	63	147339	20.729	ug/L	99
42) Toluene	7.959	91	63630	2.284	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	93485	17.809	ug/L	98
47) Tetrachloroethene	8.541	164	65491	13.777	ug/L	99
51) Chlorobenzene	9.434	112	284471	16.918	ug/L	98
52) Ethylbenzene	9.560	91	666922	22.890	ug/L	99
53) m,p-Xylene	9.682	106	149311	14.207	ug/L	99
54) o-Xylene	10.090	106	96869	9.295	ug/L	100
55) Styrene	10.103	104	67448	3.932	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.827	146	223036	18.786	ug/L	98
67) 1,2-Dichlorobenzene	12.200	146	207808	18.832	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	115404	18.179	ug/L	99

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

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