

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063151.D
 Acq On : 05 Feb 2025 11:43
 Operator : MD/SY
 Sample : Q1226-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZP1

Quant Time: Feb 06 07:27:20 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	98697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	94258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	42714	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.595	65	21896	3.879	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.904	69	22131	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.557	65	10261	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.605	46	79697	42.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.760%
24) Chloroform-d	5.046	84	52960	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.689	65	27501	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.714	84	104126	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.679	67	35009	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.888	98	87665	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.171	79	11983	3.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.621	63	59847	39.151	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28950	4.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	32620	4.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%

Target Compounds

						Qvalue
5) Vinyl chloride	1.599	62	3749	0.395	ug/L #	35
12) 1,1-Dichloroethene	2.570	96	6062	0.945	ug/L #	30
18) trans-1,2-Dichloroethene	3.341	96	60291	8.789	ug/L	98
22) cis-1,2-Dichloroethene	4.647	96	2150816	281.062	ug/L	98
33) Benzene	5.759	78	149831	4.830	ug/L	100
34) Trichloroethene	6.528	95	750527	95.269	ug/L	98
47) Tetrachloroethene	8.541	164	212981	38.494	ug/L	99
51) Chlorobenzene	9.434	112	1214401	62.052	ug/L	100
54) o-Xylene	10.090	106	6568	0.541	ug/L	93
60) Isopropylbenzene	10.473	105	57325	1.890	ug/L #	85
64) 1,3-Dichlorobenzene	11.737	146	10289	0.749	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	150890	10.921	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	131181	10.215	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	4571	0.619	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.322	180	3190	0.483	ug/L	91

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

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