

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063061.D
 Acq On : 28 Jan 2025 12:06
 Operator : MD/SY
 Sample : Q1192-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44X6

Quant Time: Jan 29 08:55:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	113234	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	104569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59865	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14415	3.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.904	69	14412	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.554	65	10726	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.608	46	50801	43.000	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.000%
24) Chloroform-d	5.049	84	67662	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.692	65	40429	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.714	84	103190	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.676	67	27437	4.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.888	98	104203	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.171	79	17876	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.621	63	45774	48.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26574	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	51249	4.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%

Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	42003	7.711	ug/L	91
12) 1,1-Dichloroethene	2.570	96	80297	13.650	ug/L #	73
16) Methylene chloride	3.033	84	137741	22.212	ug/L	93
18) trans-1,2-Dichloroethene	3.342	96	100663	15.991	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	40873	5.433	ug/L	93
27) 1,2-Dichloroethane	5.782	62	26559	2.403	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	190888	11.772	ug/L	97
31) Carbon tetrachloride	5.512	117	151992	9.736	ug/L	99
33) Benzene	5.759	78	421478	16.637	ug/L	100
34) Trichloroethene	6.531	95	38683	4.493	ug/L	92
37) 1,2-Dichloropropane	6.779	63	70862	12.437	ug/L #	96
42) Toluene	7.959	91	559042	18.565	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	20099	3.748	ug/L	95
47) Tetrachloroethene	8.544	164	105137	14.042	ug/L	95
51) Chlorobenzene	9.438	112	248218	11.888	ug/L	95
52) Ethylbenzene	9.560	91	574593	16.373	ug/L	100
53) m,p-Xylene	9.682	106	198836	14.672	ug/L	100
54) o-Xylene	10.090	106	77130	6.212	ug/L	99
55) Styrene	10.103	104	403570	19.227	ug/L	98

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
65)	1,4-Dichlorobenzene	11.827	146	288397	14.927 ug/L	98
67)	1,2-Dichlorobenzene	12.203	146	280124	15.459 ug/L	96
70)	1,2,4-trichlorobenzene	13.833	180	85121	7.069 ug/L	100

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

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