

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063063.D
 Acq On : 28 Jan 2025 13:29
 Operator : MD/SY
 Sample : Q1192-11DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44X6DL

Quant Time: Jan 29 09:02:15 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	6.235	114	122637	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	118689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	66608	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15052	3.414	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.904	69	14757	4.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.554	65	10673	4.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.608	46	57874	45.231	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.460%
24) Chloroform-d	5.045	84	70229	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.689	65	40406	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	5.714	84	108848	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.679	67	29968	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.888	98	104704	3.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.171	79	16998	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.621	63	54696	51.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28377	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	49338	4.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	26213	4.443	ug/L	83
12) 1,1-Dichloroethene	2.570	96	46912	7.363	ug/L	79
16) Methylene chloride	3.033	84	81294	12.104	ug/L	95
18) trans-1,2-Dichloroethene	3.341	96	62482	9.165	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	24071	2.954	ug/L	86
27) 1,2-Dichloroethane	5.782	62	16366	1.367	ug/L #	94
29) 1,1,1-Trichloroethane	5.303	97	109974	5.975	ug/L	96
31) Carbon tetrachloride	5.512	117	85563	4.829	ug/L	97
33) Benzene	5.759	78	255606	8.889	ug/L	100
34) Trichloroethene	6.531	95	21430	2.193	ug/L	90
37) 1,2-Dichloropropane	6.779	63	45623	7.055	ug/L #	97
42) Toluene	7.959	91	318460	9.318	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	11947	1.963	ug/L	90
47) Tetrachloroethene	8.544	164	57255	6.737	ug/L	96
51) Chlorobenzene	9.438	112	141483	5.970	ug/L	98
52) Ethylbenzene	9.560	91	327699	8.227	ug/L	99
53) m,p-Xylene	9.682	106	113608	7.386	ug/L	98
54) o-Xylene	10.090	106	44108	3.130	ug/L	99
55) Styrene	10.103	104	227517	9.550	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.827	146	155956	7.255	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	151060	7.493	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	43365	3.237	ug/L	99

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

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