

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062808.D
 Acq On : 16 Jan 2025 10:31
 Operator : MD/SY
 Sample : Q1072-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQA0

Quant Time: Jan 16 22:03:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	95618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47233	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26172	4.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.904	69	20252	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.557	65	12726	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.605	46	52681	48.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.340%
24) Chloroform-d	5.049	84	62291	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	35528	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.718	84	108755	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.679	67	30313	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.888	98	102607	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.171	79	14991	5.004	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.621	63	45199	47.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24592	4.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	40255	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%

Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	219786	31.930	ug/L	99
12) 1,1-Dichloroethene	2.570	96	65118	10.970	ug/L	86
16) Methylene chloride	3.033	84	67507	10.382	ug/L	98
18) trans-1,2-Dichloroethene	3.342	96	52370	8.235	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	77845	11.241	ug/L	97
27) 1,2-Dichloroethane	5.782	62	122851	13.427	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	226498	16.840	ug/L	99
31) Carbon tetrachloride	5.512	117	93487	7.563	ug/L	97
33) Benzene	5.763	78	373414	14.658	ug/L	100
34) Trichloroethene	6.531	95	29934	3.440	ug/L	96
37) 1,2-Dichloropropane	6.779	63	95613	15.910	ug/L	100
42) Toluene	7.959	91	316192	11.327	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	23444	4.803	ug/L	98
47) Tetrachloroethene	8.544	164	96381	16.080	ug/L	97
51) Chlorobenzene	9.438	112	228044	12.492	ug/L	99
52) Ethylbenzene	9.560	91	529481	16.714	ug/L	97
53) m,p-Xylene	9.682	106	233495	19.708	ug/L	100
54) o-Xylene	10.090	106	86349	7.609	ug/L	96
55) Styrene	10.107	104	141805	7.470	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.827	146	148993	9.792	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	193713	13.697	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	152940	16.709	ug/L	99

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

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