

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062800.D
 Acq On : 16 Jan 2025 05:44
 Operator : MD/SY
 Sample : Q1071-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77

Quant Time: Jan 16 06:27:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	16638	3.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.901	69	16430	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.557	65	9627	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.605	46	62542	59.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.160%
24) Chloroform-d	5.046	84	57998	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.689	65	33771	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.715	84	93900	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	27359	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	84421	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.171	79	12723	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.621	63	46362	50.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26278	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	33460	4.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	44256	6.629	ug/L	98
8) Chloroethane	1.924	64	154644	38.554	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3034	0.466	ug/L #	28
12) 1,1-Dichloroethene	2.570	96	1163208	202.048	ug/L #	73
18) trans-1,2-Dichloroethene	3.342	96	79496	12.889	ug/L	98
19) 1,1-Dichloroethane	3.853	63	649391	58.886	ug/L	96
22) cis-1,2-Dichloroethene	4.647	96	3074648	457.751	ug/L	97
27) 1,2-Dichloroethane	5.779	62	107616	12.127	ug/L	98
34) Trichloroethene	6.531	95	51645	6.031	ug/L	97

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

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