

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057081.D
 Acq On : 20 Dec 2023 10:51
 Operator : MD/SY
 Sample : 05771-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOY98

Quant Time: Dec 20 23:42:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	160395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39588	2.879	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.907	69	41205	4.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.563	65	16674	2.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	4.618	46	197372	72.693	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.380%#
24) Chloroform-d	5.055	84	107026	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.695	65	51788	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.721	84	179867	3.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.685	67	59194	3.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.894	98	146860	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.177	79	16226	2.821	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.400%
46) 2-Hexanone-d5	8.627	63	83945	38.693	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45730	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60970	4.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4263	0.258	ug/L	95
13) Acetone	2.624	43	21514	13.002	ug/L	85
14) Carbon disulfide	2.788	76	28037	0.621	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	25023	0.867	ug/L #	77
22) cis-1,2-Dichloroethene	4.660	96	51398	3.578	ug/L	93
33) Benzene	5.769	78	306243	5.703	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	19810	3.037	ug/L	99
42) Toluene	7.965	91	65694	1.182	ug/L	100
51) Chlorobenzene	9.441	112	2130291	60.160	ug/L	99
52) Ethylbenzene	9.566	91	28899	0.472	ug/L	96
53) m,p-Xylene	9.688	106	30815	1.350	ug/L	91
54) o-Xylene	10.100	106	11642	0.535	ug/L	99
60) Isopropylbenzene	10.479	105	53471	0.966	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.084	105	15862	0.351	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	111985	2.492	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	147457	5.717	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	3658	0.153	ug/L #	87

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

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