

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057551.D
 Acq On : 17 Jan 2024 19:53
 Operator : MD/SY
 Sample : P1120-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ2

Quant Time: Jan 18 01:12:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	216691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	108810	4.949	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.914	69	90366	5.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.563	65	48031	5.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.637	46	147534	35.477	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.960%
24) Chloroform-d	5.055	84	179082	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	88326	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	309413	3.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.685	67	106439	4.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.894	98	236676	3.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.174	79	32654	3.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.631	63	92377	28.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	95452	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	102909	4.793	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	22922	1.402	ug/L #	80
12) 1,1-Dichloroethene	2.576	96	14156	1.118	ug/L #	1
13) Acetone	2.666	43	29686	11.875	ug/L	91
14) Carbon disulfide	2.792	76	25577	0.723	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	3903	0.124	ug/L #	86
18) trans-1,2-Dichloroethene	3.354	96	1347	0.107	ug/L #	63
19) 1,1-Dichloroethane	3.866	63	23669	0.835	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	22196	1.517	ug/L	94
34) Trichloroethene	6.537	95	54961	3.127	ug/L	94
42) Toluene	7.965	91	42419	0.643	ug/L	95
53) m,p-Xylene	9.685	106	2598	0.106	ug/L	94

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

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