

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055649.D
 Acq On : 03 Oct 2023 18:59
 Operator : MD/SY
 Sample : 04679-12DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8D(20230928)DL

Quant Time: Oct 04 04:46:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172291	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	175535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86702	4.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.911	69	69230	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.563	65	35348	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.628	46	138089	43.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.800%
24) Chloroform-d	5.062	84	141750	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.698	65	69087	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.724	84	290910	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.689	67	87468	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.898	98	246283	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.180	79	29806	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.634	63	74513	38.052	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62350	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	85355	4.582	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	10076	0.633	ug/L	88
12) 1,1-Dichloroethene	2.579	96	2016	0.167	ug/L #	1
16) Methylene chloride	3.042	84	33184	2.299	ug/L	87
18) trans-1,2-Dichloroethene	3.351	96	4971	0.409	ug/L	90
19) 1,1-Dichloroethane	3.869	63	33541	1.494	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	118427	8.413	ug/L	96
27) 1,2-Dichloroethane	5.798	62	8103	0.556	ug/L #	83
33) Benzene	5.779	78	10217	0.202	ug/L	100
51) Chlorobenzene	9.447	112	13521	0.392	ug/L	95
64) 1,3-Dichlorobenzene	11.746	146	11294	0.443	ug/L	90
65) 1,4-Dichlorobenzene	11.833	146	73177	2.875	ug/L	100

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

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