

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055640.D
 Acq On : 03 Oct 2023 14:54
 Operator : MD/SY
 Sample : 04679-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-4(20230927)DL

Quant Time: Oct 04 04:43:31 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	178093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	97762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90730	5.041	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.911	69	71051	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.566	65	33016	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.624	46	128935	39.658	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.320%
24) Chloroform-d	5.062	84	145654	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	67248	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.724	84	293615	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.689	67	88176	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.897	98	252270	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.180	79	30273	4.575	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.634	63	74947	37.237	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61849	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	86846	4.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2028	0.123	ug/L	# 7
16) Methylene chloride	3.046	84	14421	0.967	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	11093	0.762	ug/L	85
51) Chlorobenzene	9.444	112	38206	1.077	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	71481	2.650	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	73798	2.737	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	7791	0.315	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	69004	4.872	ug/L	98

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

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