

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055637.D
 Acq On : 03 Oct 2023 13:41
 Operator : MD/SY
 Sample : 04679-14DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 04 04:42:38 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	179738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87123	4.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.911	69	73019	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.567	65	33080	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.628	46	125414	38.222	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.440%
24) Chloroform-d	5.062	84	138156	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.701	65	66323	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.724	84	285311	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.689	67	84885	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.898	98	246257	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	28568	4.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.634	63	69955	32.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58612	3.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	84956	4.231	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
5) Vinyl chloride	1.602	62	3027	0.182	ug/L	# 47
16) Methylene chloride	3.042	84	9833	0.653	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	1535	0.121	ug/L	94
19) 1,1-Dichloroethane	3.866	63	8200	0.350	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	33471	2.279	ug/L	94
51) Chlorobenzene	9.447	112	16407	0.438	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	17700	0.645	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	103637	3.777	ug/L	94
70) 1,2,4-trichlorobenzene	13.849	180	7486	0.519	ug/L	99

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

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