

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055613.D
 Acq On : 02 Oct 2023 18:40
 Operator : MD/SY
 Sample : 04679-18 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-5(20230928)

Quant Time: Oct 03 04:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	158243	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	87041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	65033	4.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.911	69	68858	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.566	65	24668	3.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.634	46	161781	56.003	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.000%
24) Chloroform-d	5.058	84	136713	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.701	65	70977	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.724	84	254196	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.688	67	83903	4.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.897	98	210352	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	29014	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.634	63	96099	52.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67050	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	80407	4.577	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2961	0.203	ug/L	# 58
16) Methylene chloride	3.046	84	8111	0.612	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	107531	8.317	ug/L	100
34) Trichloroethene	6.541	95	21219	1.583	ug/L	96
42) Toluene	7.968	91	459678	9.094	ug/L	98
47) Tetrachloroethene	8.550	164	56774	5.904	ug/L	92
51) Chlorobenzene	9.444	112	19454	0.601	ug/L	92
52) Ethylbenzene	9.569	91	18369	0.339	ug/L	96
53) m,p-Xylene	9.692	106	26395	1.300	ug/L	97
54) o-Xylene	10.097	106	8602	0.436	ug/L	94
63) 1,2,4-Trimethylbenzene	11.470	105	10526	0.268	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	16714	0.696	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	92261	3.843	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	27616	1.254	ug/L	90
70) 1,2,4-trichlorobenzene	13.836	180	268000	21.254	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	48765	4.444	ug/L	98

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