

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055627.D
 Acq On : 03 Oct 2023 01:01
 Operator : MD/SY
 Sample : 04679-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Oct 03 06:26:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60616	3.603	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.914	69	60916	4.109	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.567	65	24823	3.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	4.634	46	169007	55.615	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.240%	
24) Chloroform-d	5.062	84	134830	4.431	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.702	65	67930	4.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.724	84	256844	4.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.685	67	83064	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.898	98	206942	3.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	8.181	79	26911	4.330	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.631	63	92813	49.094	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.180%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	65686	4.949	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	82306	4.392	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
3) Chloromethane	1.515	50	2536	0.178	ug/L	88
5) Vinyl chloride	1.602	62	167765	10.907	ug/L	100
8) Chloroethane	1.933	64	2488	0.248	ug/L	86
12) 1,1-Dichloroethene	2.583	96	20452	1.757	ug/L #	71
17) Methyl tert-butyl Ether	3.364	73	36836	1.459	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	106883	9.111	ug/L	97
19) 1,1-Dichloroethane	3.866	63	677641	31.236	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	2526196	185.741	ug/L	98
27) 1,2-Dichloroethane	5.792	62	157838	11.204	ug/L	98
33) Benzene	5.772	78	193428	3.966	ug/L	100
34) Trichloroethene	6.541	95	11297	0.819	ug/L	94
42) Toluene	7.968	91	9372	0.180	ug/L	95
48) 2-Hexanone	8.682	43	16756	3.736	ug/L #	74
51) Chlorobenzene	9.444	112	276144	8.287	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	226511	8.842	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	1512373	59.068	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	22723	0.967	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	14570	1.083	ug/L	97

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

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