

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053567.D
 Acq On : 04 Apr 2023 17:31
 Operator : JC/MD
 Sample : 02158-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-3(20230331)

Quant Time: Apr 04 23:13:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	249852	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237933	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124320	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69020	35.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.960%
7) Chloroethane-d5	1.909	69	61916	41.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	2.565	63	86378	28.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.360%#
21) 2-Butanone-d5	4.613	46	103037	116.976	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.980%
24) Chloroform-d	5.057	84	137127	42.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	5.697	65	89322	46.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
32) Benzene-d6	5.722	84	273663	42.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.220%
36) 1,2-Dichloropropane-d6	6.684	67	89262	45.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.940%
41) Toluene-d8	7.893	98	253766	39.754	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.500%#
43) trans-1,3-Dichloroprop...	8.176	79	43225	42.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.320%
47) 2-Hexanone-d5	8.626	63	77499	115.676	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	136053	49.173	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.340%
66) 1,2-Dichlorobenzene-d4	12.188	152	110027	42.400	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	5680	2.941	ug/L	# 76
17) trans-1,2-Dichloroethene	3.350	96	2325	1.509	ug/L	82
19) 1,1-Dichloroethane	3.867	63	61881	24.245	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	21757	12.225	ug/L	95
27) 1,2-Dichloroethane	5.787	62	11757	5.484	ug/L	97
33) Benzene	5.774	78	15772	2.544	ug/L	100
34) Trichloroethene	6.536	95	3950	2.107	ug/L	83
51) Chlorobenzene	9.443	112	19099	3.946	ug/L	90
63) 1,2,4-Trimethylbenzene	11.465	105	6301	1.041	ug/L	92
65) 1,4-Dichlorobenzene	11.832	146	6351	1.622	ug/L	88

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

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