Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055639.D
Acq On : 03 Oct 2023 14:30
Operator : MD/SY
Sample : 04679-18DL 2000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-5(20230928)DL

Quant Time: Oct 04 04:43:12 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	176220	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	97357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	85626	4.808	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.200%			
7) Chloroethane-d5	1.911	69	69307	4.416	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	2.566	65	34888	4.759	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.200%			
20) 2-Butanone-d5	4.624	46	121125	37.652	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.300%			
24) Chloroform-d	5.058	84	141930	4.406	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	5.701	65	65104	4.201	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.727	84	283642	4.433	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%			
36) 1,2-Dichloropropane-d6	6.689	67	85304	4.462	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.200%			
41) Toluene-d8	7.897	98	246705	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
43) trans-1,3-Dichloroprop...	8.177	79	28142	4.195	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.631	63	72136	35.349	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.700%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58197	4.062	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	83218	4.235	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2035	0.125	ug/L #	14
16) Methylene chloride	3.042	84	13012	0.881	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	54183	3.763	ug/L	95
34) Trichloroethene	6.541	95	10758	0.722	ug/L	95
42) Toluene	7.968	91	224956	4.006	ug/L	99
47) Tetrachloroethene	8.550	164	29004	2.715	ug/L	96
51) Chlorobenzene	9.444	112	10266	0.285	ug/L	96
52) Ethylbenzene	9.569	91	9484	0.158	ug/L	94
53) m,p-Xylene	9.692	106	14056	0.623	ug/L	91
54) o-Xylene	10.100	106	5024	0.229	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	9160	0.341	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	49144	1.830	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	13784	0.560	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	120490	8.543	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	22388	1.824	ug/L	97

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

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