Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
Data File : VU061075.D
Acq On : 02 Oct 2024 14:47
Operator : MD/SY
Sample : P4227-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-8D(20240926)

Quant Time: Oct 03 06:30:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51880	4.348	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.000%			
7) Chloroethane-d5	1.911	69	41590	4.657	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.564	65	23024	4.374	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.400%			
20) 2-Butanone-d5	4.625	46	146429	51.235	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.460%			
24) Chloroform-d	5.055	84	98101	4.665	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	5.692	65	54712	4.909	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	5.718	84	198113	4.850	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.682	67	67594	5.039	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.800%			
41) Toluene-d8	7.891	98	181382	4.751	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	8.174	79	26965	4.701	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.628	63	122614	51.646	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.300%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49572	5.039	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	60284	5.051	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	73374	6.222	ug/L	98
12) 1,1-Dichloroethene	2.576	96	6311	0.655	ug/L #	1
17) Methyl tert-butyl Ether	3.358	73	26214	0.951	ug/L #	96
18) trans-1,2-Dichloroethene	3.348	96	31312	2.964	ug/L	94
19) 1,1-Dichloroethane	3.859	63	264079	12.846	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	722607	61.418	ug/L	94
27) 1,2-Dichloroethane	5.788	62	60025	4.425	ug/L	95
33) Benzene	5.766	78	85196	1.866	ug/L	100
34) Trichloroethene	6.541	95	4216	0.341	ug/L	89
51) Chlorobenzene	9.441	112	65745	2.218	ug/L	93
64) 1,3-Dichlorobenzene	11.740	146	55421	2.590	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	331257	15.660	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	5948	0.301	ug/L	90
70) 1,2,4-trichlorobenzene	13.846	180	4012	0.347	ug/L	90

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

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