Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060899.D
Acq On : 19 Sep 2024 15:31
Operator : MD/SY
Sample : P3952-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B31

Quant Time: Sep 19 23:58:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 23:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34420	2.835	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.800%			
7) Chloroethane-d5	1.911	69	31707	3.668	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.400%			
11) 1,1-Dichloroethene-d2	2.560	65	14060	3.268	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.400%			
20) 2-Butanone-d5	4.634	46	79992	41.044	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.080%			
24) Chloroform-d	5.055	84	76124	4.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
26) 1,2-Dichloroethane-d4	5.695	65	38838	4.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
32) Benzene-d6	5.721	84	142435	3.665	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.400%			
36) 1,2-Dichloropropane-d6	6.685	67	48295	4.017	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.400%			
41) Toluene-d8	7.891	98	120197	3.392	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.800%#			
43) trans-1,3-Dichloroprop...	8.177	79	15106	3.490	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.800%			
46) 2-Hexanone-d5	8.627	63	69358	40.623	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.240%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39153	4.156	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	43199	4.293	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	7003	0.687	ug/L	99
5) Vinyl chloride	1.602	62	5336	0.458	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4480	0.482	ug/L	86
12) 1,1-Dichloroethene	2.576	96	23740	2.796	ug/L	97
19) 1,1-Dichloroethane	3.862	63	49856	2.822	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	395325	40.601	ug/L	96
25) Chloroform	5.081	83	18597	1.010	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	10740	0.686	ug/L	94
31) Carbon tetrachloride	5.515	117	3644	0.263	ug/L	91
34) Trichloroethene	6.534	95	721270	69.011	ug/L	95
47) Tetrachloroethene	8.547	164	78263	9.423	ug/L	98

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

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