Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
Data File : VU061059.D
Acq On : 01 Oct 2024 21:29
Operator : MD/SY
Sample : P4227-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-10(20240927)

Quant Time: Oct 02 02:38:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 02 02:09:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	171795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160690	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55360	4.507	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.200%			
7) Chloroethane-d5	1.910	69	42549	4.628	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.600%			
11) 1,1-Dichloroethene-d2	2.563	65	23916	4.414	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	4.631	46	146345	49.742	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.480%			
24) Chloroform-d	5.055	84	99091	4.578	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.695	65	55987	4.880	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.721	84	202947	4.790	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.682	67	68563	4.927	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.891	98	186574	4.711	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.200%			
43) trans-1,3-Dichloroprop...	8.174	79	27636	4.645	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.000%			
46) 2-Hexanone-d5	8.627	63	124800	50.679	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.360%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49688	4.869	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	61447	5.136	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2293	0.189	ug/L #	56
12) 1,1-Dichloroethene	2.573	96	2119	0.214	ug/L #	1
14) Carbon disulfide	2.788	76	4203	0.125	ug/L	99
19) 1,1-Dichloroethane	3.862	63	123738	5.847	ug/L	98
22) cis-1,2-Dichloroethene	4.669	96	2063	0.170	ug/L	90
51) Chlorobenzene	9.444	112	6904	0.225	ug/L	90
64) 1,3-Dichlorobenzene	11.746	146	3668	0.171	ug/L	93
65) 1,4-Dichlorobenzene	11.830	146	9087	0.429	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	4509	0.227	ug/L #	89
70) 1,2,4-trichlorobenzene	13.836	180	27591	2.384	ug/L	95
72) 1,2,3-Trichlorobenzene	14.331	180	3313	0.344	ug/L	97

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

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