Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
Data File : VU057272.D
Acq On : 27 Dec 2023 08:11
Operator : MD/SY
Sample : 05998-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F7A73

Quant Time: Dec 28 00:55:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 27 01:05:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	162671	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	123273	7.929	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 158.600%#			
7) Chloroethane-d5	1.911	69	61776	4.827	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.563	65	32184	4.778	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.600%			
20) 2-Butanone-d5	4.624	46	145158	59.462	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.920%			
24) Chloroform-d	5.055	84	132607	4.416	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.695	65	65707	4.592	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.721	84	256420	4.564	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	6.682	67	79580	4.977	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.891	98	206868	4.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.600%			
43) trans-1,3-Dichloroprop...	8.174	79	30131	4.527	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.600%			
46) 2-Hexanone-d5	8.628	63	103230	45.553	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.100%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57070	5.016	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	71111	4.445	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5934527	417.313	ug/L	98
8) Chloroethane	1.933	64	3574	0.396	ug/L	90
12) 1,1-Dichloroethene	2.576	96	22054	1.813	ug/L #	50
17) Methyl tert-butyl Ether	3.354	73	93643	3.626	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	40179	3.388	ug/L	92
19) 1,1-Dichloroethane	3.866	63	3164	0.134	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	7907446	605.439	ug/L	96
33) Benzene	5.769	78	84111	1.620	ug/L	100
34) Trichloroethene	6.538	95	4356	0.287	ug/L	87
42) Toluene	7.965	91	21546	0.391	ug/L	96
47) Tetrachloroethene	8.550	164	2253	0.207	ug/L	77
51) Chlorobenzene	9.441	112	8499	0.237	ug/L	90
53) m,p-Xylene	9.692	106	3747	0.165	ug/L	82

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

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