Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055118.D
Acq On : 06 Sep 2023 01:25
Operator : MD/SY
Sample : 04250-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4C5

Quant Time: Sep 06 05:26:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	183999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	104128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	81521	9.453	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 189.000%#			
7) Chloroethane-d5	1.907	69	42209	4.228	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.600%			
11) 1,1-Dichloroethene-d2	2.560	65	22122	4.502	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	4.631	46	152802	61.059	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.120%			
24) Chloroform-d	5.058	84	110570	4.832	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.701	65	58170	5.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.724	84	216416	4.644	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.688	67	71563	4.828	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.600%			
41) Toluene-d8	7.897	98	191186	4.454	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
43) trans-1,3-Dichloroprop...	8.180	79	18030	4.417	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.634	63	88539	53.431	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.860%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57405	5.507	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	74942	4.931	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	6220134	541.668	ug/L	95
12) 1,1-Dichloroethene	2.576	96	30296	3.561	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	8138	0.365	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	48580	5.629	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	18542439	1755.125	ug/L	78
25) Chloroform	5.084	83	18135	0.934	ug/L	99
27) 1,2-Dichloroethane	5.798	62	10828	0.913	ug/L	98
33) Benzene	5.775	78	34344	0.855	ug/L	100
34) Trichloroethene	6.544	95	14997146	1343.062	ug/L	94
45) 1,1,2-Trichloroethane	8.402	97	25307	3.435	ug/L	94
47) Tetrachloroethene	8.553	164	3894	0.505	ug/L	93
51) Chlorobenzene	9.444	112	470879	16.599	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	92006	3.947	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	202530	8.718	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	215768	9.873	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	283060	17.137	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	87119	6.077	ug/L	99

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

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