Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051329.D
Acq On : 10 Oct 2022 16:03
Operator : JC/MD
Sample : N5041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGS18

Quant Time: Oct 11 01:02:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 00:58:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185253	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54073	3.619	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.400%			
7) Chloroethane-d5	1.912	69	54223	4.223	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.400%			
11) 1,1-Dichloroethene-d2	2.565	65	21740	3.680	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.620	46	170243	51.745	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.500%			
24) Chloroform-d	5.063	84	134292	4.820	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.700	65	71941	5.007	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	5.726	84	246057	4.446	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	6.690	67	88433	4.705	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.896	98	185621	3.749	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
43) trans-1,3-Dichloroprop...	8.179	79	26443	4.282	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.600%			
46) 2-Hexanone-d5	8.632	63	91706	44.061	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.120%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	71980	4.794	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	68677	4.883	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.600%			
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.362	73	35043	1.132	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	263337	16.727	ug/L	96
33) Benzene	5.774	78	5989	0.089	ug/L	100
34) Trichloroethene	6.539	95	47545	2.838	ug/L	96
42) Toluene	7.967	91	14763	0.207	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	5112	0.396	ug/L	93
51) Chlorobenzene	9.446	112	3070	0.072	ug/L #	84
55) Styrene	10.118	104	2197	0.054	ug/L	92
64) 1,3-Dichlorobenzene	11.745	146	3079	0.121	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	11880	0.475	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	4693	0.190	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	43697	3.519	ug/L	96
72) 1,2,3-Trichlorobenzene	14.327	180	27370	2.131	ug/L	97

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

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