Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025748.D
Acq On : 31 May 2023 20:33
Operator : CG/JU
Sample : 02213-09
Misc : MDL-MDL-WATER-0.2ng
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 01 01:22:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 01:04:04 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	5853	0.400	ng		0.00
7) Naphthalene-d8	10.825	136	16604	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	9399	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	18315	0.400	ng	#	0.01
29) Chrysene-d12	21.569	240	8452	0.400	ng		0.00
35) Perylene-d12	24.057	264	7502	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6205	0.377	ng		0.00
5) Phenol-d6	7.167	99	7608	0.377	ng		0.00
8) Nitrobenzene-d5	9.180	82	5892	0.382	ng		0.01
11) 2-Methylnaphthalene-d10	12.411	152	13337	0.558	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	899	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	16723	0.421	ng		0.00
27) Fluoranthene-d10	19.412	212	19894	0.528	ng		0.00
31) Terphenyl-d14	20.002	244	9415	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	1623	0.236	ng		96
3) n-Nitrosodimethylamine	3.751	42	1227	0.140	ng	#	97
6) bis(2-Chloroethyl)ether	7.427	93	4566	0.249	ng		90
9) Naphthalene	10.878	128	11054	0.223	ng		98
10) Hexachlorobutadiene	11.166	225	1833	0.240	ng	#	99
12) 2-Methylnaphthalene	12.487	142	6932	0.220	ng		98
16) Acenaphthylene	14.363	152	9502	0.210	ng		99
17) Acenaphthene	14.705	154	6632	0.223	ng		99
18) Fluorene	15.693	166	8334	0.218	ng		99
20) 4,6-Dinitro-2-methylph...	15.792	198	366	0.111	ng	#	8
21) 4-Bromophenyl-phenylether	16.574	248	2243	0.212	ng	#	86
22) Hexachlorobenzene	16.698	284	2198	0.242	ng		98
23) Atrazine	16.847	200	1860	0.215	ng		94
24) Pentachlorophenol	17.071	266	191	0.056	ng		92
25) Phenanthrene	17.430	178	12313	0.219	ng		99
26) Anthracene	17.530	178	10436	0.203	ng		99
28) Fluoranthene	19.444	202	11354	0.204	ng		100
30) Pyrene	19.806	202	11340	0.237	ng		100
32) Benzo(a)anthracene	21.551	228	6906	0.212	ng		98
33) Chrysene	21.605	228	7541	0.218	ng		99
34) Bis(2-ethylhexyl)phtha...	21.462	149	4558	0.235	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.665	276	7543m	0.233	ng		
37) Benzo(b)fluoranthene	23.294	252	6261	0.212	ng	#	79
38) Benzo(k)fluoranthene	23.350	252	6921m	0.229	ng		
39) Benzo(a)pyrene	23.946	252	5629	0.201	ng	#	69
40) Dibenzo(a,h)anthracene	26.688	278	5638m	0.216	ng		
41) Benzo(g,h,i)perylene	27.457	276	6882	0.236	ng		96

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

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