Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025747.D
Acq On : 31 May 2023 19:57
Operator : CG/JU
Sample : 02213-09
Misc : MDL-MDL-WATER-0.1ng
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 01 01:22:33 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	5847	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16584	0.400	ng		0.01
13) Acenaphthene-d10	14.641	164	9399	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	17736	0.400	ng	#	0.01
29) Chrysene-d12	21.569	240	8235	0.400	ng		0.00
35) Perylene-d12	24.040	264	7741	0.400	ng	#	-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5783	0.352	ng		0.00
5) Phenol-d6	7.167	99	6914	0.343	ng		0.00
8) Nitrobenzene-d5	9.191	82	5102	0.331	ng		0.02
11) 2-Methylnaphthalene-d10	12.415	152	12236	0.512	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	824	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	14710	0.370	ng		0.00
27) Fluoranthene-d10	19.416	212	17782	0.487	ng		0.00
31) Terphenyl-d14	20.002	244	8042	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	811	0.118	ng		97
3) n-Nitrosodimethylamine	3.766	42	472	0.054	ng	#	86
6) bis(2-Chloroethyl)ether	7.434	93	3128	0.171	ng	#	71
9) Naphthalene	10.878	128	5728	0.116	ng		96
10) Hexachlorobutadiene	11.166	225	892	0.117	ng	#	98
12) 2-Methylnaphthalene	12.487	142	3396	0.108	ng		95
16) Acenaphthylene	14.373	152	4606	0.102	ng		99
17) Acenaphthene	14.705	154	3223	0.109	ng		99
18) Fluorene	15.693	166	4072	0.107	ng		99
20) 4,6-Dinitro-2-methylph...	15.817	198	159	0.050	ng	#	1
21) 4-Bromophenyl-phenylether	16.587	248	1055	0.103	ng		93
22) Hexachlorobenzene	16.698	284	1081	0.123	ng		100
23) Atrazine	16.847	200	877	0.105	ng	#	89
24) Pentachlorophenol	17.071	266	72	0.022	ng	#	69
25) Phenanthrene	17.431	178	5899	0.108	ng		98
26) Anthracene	17.530	178	4806	0.096	ng		98
28) Fluoranthene	19.444	202	5399	0.100	ng		99
30) Pyrene	19.807	202	5371	0.115	ng		99
32) Benzo(a)anthracene	21.551	228	3121	0.098	ng		97
33) Chrysene	21.605	228	3856	0.115	ng		98
34) Bis(2-ethylhexyl)phtha...	21.453	149	2015	0.106	ng	#	93
36) Indeno(1,2,3-cd)pyrene	26.636	276	3605	0.108	ng		94
37) Benzo(b)fluoranthene	23.288	252	3292	0.108	ng	#	48
38) Benzo(k)fluoranthene	23.338	252	3085	0.099	ng	#	43
39) Benzo(a)pyrene	23.929	252	2867	0.099	ng	#	29
40) Dibenzo(a,h)anthracene	26.662	278	2951m	0.110	ng		
41) Benzo(g,h,i)perylene	27.417	276	3510	0.117	ng	#	88

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

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