Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025577.D
Acq On : 23 May 2023 17:35
Operator : CG/JU
Sample : 02213-07
Misc : LOD-MDL-WATER-0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

Quant Time: May 24 03:49:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3552	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	10463	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6037	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	13326	0.400	ng		0.00
29) Chrysene-d12	21.607	240	9818	0.400	ng		0.00
35) Perylene-d12	24.106	264	10382	0.400	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3177	0.348	ng		0.00
5) Phenol-d6	7.210	99	4073	0.354	ng		0.00
8) Nitrobenzene-d5	9.223	82	3298	0.342	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7112	0.463	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	772	0.306	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	9167	0.350	ng		0.00
27) Fluoranthene-d10	19.456	212	14294	0.453	ng		0.00
31) Terphenyl-d14	20.049	244	7764	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	833	0.203	ng		98
3) n-Nitrosodimethylamine	3.794	42	690	0.142	ng		96
6) bis(2-Chloroethyl)ether	7.478	93	2120	0.201	ng		99
9) Naphthalene	10.931	128	5532	0.191	ng		97
10) Hexachlorobutadiene	11.220	225	985	0.195	ng	#	99
12) 2-Methylnaphthalene	12.536	142	3724	0.181	ng		97
16) Acenaphthylene	14.416	152	5364	0.181	ng		99
17) Acenaphthene	14.758	154	3672	0.180	ng		96
18) Fluorene	15.734	166	4639	0.182	ng		100
20) 4,6-Dinitro-2-methylph...	15.809	198	548	0.155	ng	#	64
21) 4-Bromophenyl-phenylether	16.628	248	1444	0.183	ng		93
22) Hexachlorobenzene	16.740	284	1410	0.200	ng		97
23) Atrazine	16.889	200	1294	0.186	ng		96
24) Pentachlorophenol	17.087	266	449	0.113	ng		96
25) Phenanthrene	17.472	178	7808	0.182	ng		99
26) Anthracene	17.559	178	6986	0.179	ng		100
28) Fluoranthene	19.485	202	8378	0.177	ng		99
30) Pyrene	19.848	202	8469	0.191	ng		100
32) Benzo(a)anthracene	21.589	228	7169	0.185	ng		97
33) Chrysene	21.643	228	7597	0.188	ng		98
34) Bis(2-ethylhexyl)phtha...	21.509	149	4446	0.184	ng		99
36) Indeno(1,2,3-cd)pyrene	26.722	276	9058	0.191	ng		97
37) Benzo(b)fluoranthene	23.340	252	8384m	0.201	ng		
38) Benzo(k)fluoranthene	23.392	252	7927	0.186	ng	#	93
39) Benzo(a)pyrene	23.995	252	6950	0.181	ng	#	70
40) Dibenzo(a,h)anthracene	26.743	278	7017	0.182	ng	#	92
41) Benzo(g,h,i)perylene	27.524	276	7189	0.178	ng		97

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

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