Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026741.D
Acq On : 25 Jul 2023 09:07
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 09:36:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.835	152	1595	0.400	ng		0.00
7) Naphthalene-d8	10.628	136	5441	0.400	ng	#	0.00
13) Acenaphthene-d10	14.459	164	3774	0.400	ng		0.00
19) Phenanthrene-d10	17.219	188	7270	0.400	ng	#	0.00
29) Chrysene-d12	21.417	240	5641	0.400	ng	#	0.00
35) Perylene-d12	23.788	264	7000	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.430	112	1248	0.323	ng		0.01
5) Phenol-d6	7.040	99	1643	0.333	ng		0.00
8) Nitrobenzene-d5	9.037	82	1346	0.289	ng		0.00
11) 2-Methylnaphthalene-d10	12.230	152	3483	0.438	ng		0.00
14) 2,4,6-Tribromophenol	15.978	330	547	0.398	ng		0.00
15) 2-Fluorobiphenyl	13.101	172	5303	0.364	ng		0.00
27) Fluoranthene-d10	19.249	212	7037	0.457	ng		0.00
31) Terphenyl-d14	19.848	244	4852	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	721	0.427	ng	#	93
3) n-Nitrosodimethylamine	3.631	42	644	0.377	ng	#	64
6) bis(2-Chloroethyl)ether	7.300	93	984	0.242	ng	#	55
9) Naphthalene	10.682	128	5784	0.393	ng		94
10) Hexachlorobutadiene	10.938	225	1471	0.517	ng	#	99
12) 2-Methylnaphthalene	12.298	142	4211	0.406	ng	#	93
16) Acenaphthylene	14.181	152	6929	0.392	ng		99
17) Acenaphthene	14.523	154	4429	0.388	ng		98
18) Fluorene	15.519	166	5404	0.363	ng		98
20) 4,6-Dinitro-2-methylph...	16.114	198	10	0.067	ng	#	1
21) 4-Bromophenyl-phenylether	16.412	248	1869	0.450	ng	#	91
22) Hexachlorobenzene	16.524	284	2028	0.488	ng		92
23) Atrazine	16.685	200	1714	0.481	ng		94
24) Pentachlorophenol	16.909	266	702	0.358	ng		96
25) Phenanthrene	17.256	178	7734	0.363	ng		100
26) Anthracene	17.356	178	7053	0.368	ng		98
28) Fluoranthene	19.281	202	9017	0.403	ng	#	94
30) Pyrene	19.644	202	8981	0.287	ng		100
32) Benzo(a)anthracene	21.399	228	6656	0.328	ng		99
33) Chrysene	21.453	228	8396	0.371	ng		99
34) Bis(2-ethylhexyl)phtha...	21.300	149	6142	0.339	ng	#	92
36) Indeno(1,2,3-cd)pyrene	26.250	276	10409	0.362	ng	#	87
37) Benzo(b)fluoranthene	23.069	252	7422	0.292	ng	#	90
38) Benzo(k)fluoranthene	23.113	252	9012m	0.328	ng		
39) Benzo(a)pyrene	23.686	252	8027	0.322	ng	#	85
40) Dibenzo(a,h)anthracene	26.255	278	8105	0.360	ng	#	87
41) Benzo(g,h,i)perylene	26.998	276	9590	0.366	ng	#	86

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

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