Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071822\
Data File : BN020764.D
Acq On : 18 Jul 2022 19:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Quant Time: Jul 19 03:54:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 16 03:21:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2445	0.400	ng		0.00
7) Naphthalene-d8	10.615	136	8362	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	5170	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	10984	0.400	ng		0.01
29) Chrysene-d12	21.422	240	11171	0.400	ng		0.00
35) Perylene-d12	23.776	264	9008	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	1830	0.270	ng		0.01
5) Phenol-d6	7.024	99	2386	0.294	ng		0.01
8) Nitrobenzene-d5	8.993	82	2104	0.310	ng		0.02
11) 2-Methylnaphthalene-d10	12.219	152	5206	0.363	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	537	0.276	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	7306	0.342	ng		0.00
27) Fluoranthene-d10	19.261	212	11399	0.349	ng		0.00
31) Terphenyl-d14	19.864	244	8688	0.325	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1124	0.351	ng		99
3) n-Nitrosodimethylamine	3.615	42	758	0.259	ng	#	92
6) bis(2-Chloroethyl)ether	7.255	93	2260	0.324	ng		93
9) Naphthalene	10.669	128	9435	0.378	ng		99
10) Hexachlorobutadiene	10.957	225	1665	0.366	ng	#	99
12) 2-Methylnaphthalene	12.295	142	6081	0.366	ng		98
16) Acenaphthylene	14.185	152	8304	0.334	ng		99
17) Acenaphthene	14.527	154	6230	0.368	ng		96
18) Fluorene	15.521	166	7778	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	343	0.385	ng	#	48
21) 4-Bromophenyl-phenylether	16.415	248	2287	0.358	ng		99
22) Hexachlorobenzene	16.538	284	2658	0.376	ng		96
23) Atrazine	16.692	200	1549	0.308	ng		98
24) Pentachlorophenol	16.897	266	555	0.429	ng		95
25) Phenanthrene	17.266	178	13107	0.354	ng		100
26) Anthracene	17.359	178	10756	0.337	ng		100
28) Fluoranthene	19.291	202	14144	0.350	ng		100
30) Pyrene	19.653	202	14861	0.314	ng		100
32) Benzo(a)anthracene	21.413	228	13019	0.326	ng		99
33) Chrysene	21.458	228	16735	0.379	ng		98
34) Bis(2-ethylhexyl)phtha...	21.342	149	7246	0.322	ng		97
36) Indeno(1,2,3-cd)pyrene	26.211	276	13782	0.343	ng		99
37) Benzo(b)fluoranthene	23.062	252	13475	0.388	ng		97
38) Benzo(k)fluoranthene	23.112	252	14859m	0.402	ng		
39) Benzo(a)pyrene	23.673	252	11128	0.370	ng	#	91
40) Dibenzo(a,h)anthracene	26.234	278	10628	0.330	ng		97
41) Benzo(g,h,i)perylene	26.954	276	12373	0.352	ng		99

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

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