Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020602.D
Acq On : 01 Jul 2022 20:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 03:13:05 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 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	3408	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	10321	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	5935	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	12647	0.400	ng	#	0.00
29) Chrysene-d12	21.431	240	10128	0.400	ng		0.00
35) Perylene-d12	23.790	264	8116	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	3112	0.329	ng		0.00
5) Phenol-d6	7.031	99	3791	0.335	ng		0.00
8) Nitrobenzene-d5	8.993	82	2922	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	6534	0.369	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	681	0.305	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	9387	0.383	ng		0.00
27) Fluoranthene-d10	19.269	212	13562	0.361	ng		0.00
31) Terphenyl-d14	19.872	244	9770	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1541	0.345	ng		98
3) n-Nitrosodimethylamine	3.608	42	1274	0.313	ng	#	94
6) bis(2-Chloroethyl)ether	7.255	93	3269	0.336	ng		96
9) Naphthalene	10.680	128	11769	0.382	ng		99
10) Hexachlorobutadiene	10.968	225	2173	0.387	ng	#	99
12) 2-Methylnaphthalene	12.299	142	7683	0.375	ng		99
16) Acenaphthylene	14.196	152	10229	0.359	ng		98
17) Acenaphthene	14.538	154	7293	0.376	ng		95
18) Fluorene	15.532	166	9415	0.372	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	360	0.371	ng	#	51
21) 4-Bromophenyl-phenylether	16.425	248	2789	0.379	ng	#	83
22) Hexachlorobenzene	16.538	284	3130	0.384	ng		98
23) Atrazine	16.692	200	1830	0.316	ng		96
24) Pentachlorophenol	16.897	266	673	0.442	ng		99
25) Phenanthrene	17.266	178	15694	0.368	ng		100
26) Anthracene	17.359	178	12755	0.347	ng		100
28) Fluoranthene	19.299	202	17052	0.367	ng		99
30) Pyrene	19.661	202	17425	0.406	ng		100
32) Benzo(a)anthracene	21.422	228	13211	0.365	ng		98
33) Chrysene	21.467	228	15214	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.351	149	7221	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.223	276	12492	0.345	ng		99
37) Benzo(b)fluoranthene	23.074	252	12964m	0.414	ng		
38) Benzo(k)fluoranthene	23.121	252	13469	0.405	ng		97
39) Benzo(a)pyrene	23.685	252	10242	0.378	ng	#	92
40) Dibenzo(a,h)anthracene	26.246	278	9974	0.344	ng		98
41) Benzo(g,h,i)perylene	26.968	276	10671	0.337	ng		98

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

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