Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
Data File : BN014139.D
Acq On : 31 Mar 2021 11:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 31 12:16:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	5855	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	20691	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	10490	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	20205	0.40	ng		0.00
29) Chrysene-d12	21.247	240	19724	0.40	ng		0.00
36) Perylene-d12	23.466	264	19706	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	5844	0.39	ng		0.00
5) Phenol-d6	6.855	99	7258	0.38	ng		0.00
8) Nitrobenzene-d5	8.832	82	5477	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.053	152	12747	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1151	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	16175	0.41	ng		0.00
27) Fluoranthene-d10	19.096	212	22320	0.42	ng		0.00
31) Terphenyl-d14	19.697	244	18066	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3221	0.43	ng		99
3) n-Nitrosodimethylamine	3.569	42	1931	0.33	ng		100
6) bis(2-Chloroethyl)ether	7.121	93	6254	0.41	ng		99
9) Naphthalene	10.505	128	21064	0.41	ng		99
10) Hexachlorobutadiene	10.797	225	3936	0.42	ng	#	99
12) 2-Methylnaphthalene	12.129	142	13635	0.41	ng		99
16) Acenaphthylene	14.029	152	14468	0.36	ng		100
17) Acenaphthene	14.384	154	11502	0.40	ng		100
18) Fluorene	15.374	166	13825	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	785	0.31	ng	#	84
21) 4-Bromophenyl-phenylether	16.264	248	4242	0.41	ng		94
22) Hexachlorobenzene	16.373	284	4883	0.42	ng		99
23) Atrazine	16.532	200	2661	0.37	ng		96
24) Pentachlorophenol	16.714	266	1174	0.32	ng		95
25) Phenanthrene	17.104	178	22124	0.41	ng		100
26) Anthracene	17.189	178	17540	0.38	ng		100
28) Fluoranthene	19.126	202	23976	0.42	ng		100
30) Pyrene	19.489	202	24284	0.38	ng		100
32) Benzo(a)anthracene	21.237	228	21362	0.39	ng		100
33) Chrysene	21.290	228	25838	0.43	ng		96
34) Bis(2-ethylhexyl)phtha...	21.173	149	6267	0.38	ng		99
35) Indeno(1,2,3-cd)pyrene	25.687	276	30744	0.49	ng		99
37) Benzo(b)fluoranthene	22.802	252	28573	0.41	ng		99
38) Benzo(k)fluoranthene	22.843	252	27684	0.41	ng		99
39) Benzo(a)pyrene	23.367	252	24224	0.41	ng	#	97
40) Dibenzo(a,h)anthracene	25.701	278	26161	0.43	ng		99
41) Benzo(g,h,i)perylene	26.369	276	27761	0.43	ng		99

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

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