Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015802.D
Acq On : 04 Aug 2021 20:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:59 PM

Quant Time: Aug 05 01:55:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	43049	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	194303	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	99986	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	185198	0.400	ng		0.00
29) Chrysene-d12	21.365	240	167585	0.400	ng		0.00
35) Perylene-d12	23.710	264	162310	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	38924	0.370	ng		0.00
5) Phenol-d6	6.951	99	47606	0.374	ng		0.00
8) Nitrobenzene-d5	8.924	82	56516	0.453	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	116039	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	11474	0.316	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	154304	0.387	ng		0.00
27) Fluoranthene-d10	19.202	212	182636	0.379	ng		0.00
31) Terphenyl-d14	19.807	244	158116	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	5139	0.369	ng		98
3) n-Nitrosodimethylamine	3.714	42	11081	0.386	ng	#	89
6) bis(2-Chloroethyl)ether	7.218	93	49099	0.425	ng		98
9) Naphthalene	10.609	128	202514	0.398	ng		99
10) Hexachlorobutadiene	10.914	225	36130	0.406	ng	#	99
12) 2-Methylnaphthalene	12.229	142	131789	0.402	ng		100
16) Acenaphthylene	14.129	152	159563	0.387	ng		100
17) Acenaphthene	14.472	154	111137	0.386	ng		99
18) Fluorene	15.461	166	134201	0.390	ng		100
20) 4,6-Dinitro-2-methylph...	15.537	198	1850	0.241	ng		96
21) 4-Bromophenyl-phenylether	16.360	248	41715	0.383	ng	#	88
22) Hexachlorobenzene	16.470	284	50432	0.403	ng		99
23) Atrazine	16.628	200	29235	0.437	ng		96
24) Pentachlorophenol	16.811	266	13788	0.356	ng		99
25) Phenanthrene	17.200	178	215831	0.392	ng		100
26) Anthracene	17.297	178	175109	0.378	ng		100
28) Fluoranthene	19.232	202	225609	0.394	ng		100
30) Pyrene	19.599	202	218932	0.391	ng		100
32) Benzo(a)anthracene	21.355	228	194363	0.379	ng		99
33) Chrysene	21.408	228	217236	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	64483	0.448	ng		100
36) Indeno(1,2,3-cd)pyrene	26.106	276	209277	0.364	ng		98
37) Benzo(b)fluoranthene	22.998	252	209554	0.372	ng		100
38) Benzo(k)fluoranthene	23.046	252	234253m	0.401	ng		
39) Benzo(a)pyrene	23.604	252	173567	0.370	ng		100
40) Dibenzo(a,h)anthracene	26.127	278	171515	0.356	ng	#	93
41) Benzo(g,h,i)perylene	26.835	276	177856	0.354	ng		99

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

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