Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014705.D
Acq On : 21 May 2021 23:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
5/24/2021 2:37:16 PM

Quant Time: May 22 04:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 21 11:30:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	993	0.40	ng		# 0.00
7) Naphthalene-d8	10.505	136	3547	0.40	ng		# 0.00
13) Acenaphthene-d10	14.372	164	2408	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	5140	0.40	ng		# 0.00
29) Chrysene-d12	21.314	240	5150	0.40	ng		0.00
35) Perylene-d12	23.585	264	4841	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	1100	0.42	ng		0.00
5) Phenol-d6	6.895	99	1473	0.42	ng		0.00
8) Nitrobenzene-d5	8.870	82	1268	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	3559	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	484	0.43	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	3933	0.45	ng		0.00
27) Fluoranthene-d10	19.159	212	8522	0.37	ng		0.00
31) Terphenyl-d14	19.759	244	5929	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	567	0.36	ng		96
3) n-Nitrosodimethylamine	3.641	42	172	0.35	ng	#	47
6) bis(2-Chloroethyl)ether	7.161	93	1219	0.42	ng		91
9) Naphthalene	10.556	128	3860	0.41	ng	#	94
10) Hexachlorobutadiene	10.847	225	1074	0.48	ng	#	99
12) 2-Methylnaphthalene	12.177	142	2790	0.41	ng	#	88
16) Acenaphthylene	14.080	152	3577	0.40	ng		97
17) Acenaphthene	14.435	154	2597	0.40	ng		96
18) Fluorene	15.425	166	3540	0.40	ng		98
20) 4,6-Dinitro-2-methylph...	15.501	198	218	0.41	ng	#	1
21) 4-Bromophenyl-phenylether	16.313	248	1474	0.47	ng	#	82
22) Hexachlorobenzene	16.435	284	1657	0.50	ng	#	91
23) Atrazine	16.581	200	765	0.38	ng	#	91
24) Pentachlorophenol	16.775	266	383	0.35	ng	#	45
25) Phenanthrene	17.165	178	5936	0.42	ng		100
26) Anthracene	17.250	178	4776	0.40	ng		99
28) Fluoranthene	19.188	202	6978	0.37	ng		98
30) Pyrene	19.551	202	6826	0.48	ng		98
32) Benzo(a)anthracene	21.303	228	5890	0.39	ng		99
33) Chrysene	21.356	228	6964	0.44	ng		99
34) Bis(2-ethylhexyl)phtha...	21.239	149	1702	0.41	ng	#	82
36) Indeno(1,2,3-cd)pyrene	25.868	276	8131	0.42	ng	#	88
37) Benzo(b)fluoranthene	22.900	252	7206	0.44	ng		97
38) Benzo(k)fluoranthene	22.945	252	6980m	0.41	ng		
39) Benzo(a)pyrene	23.486	252	6315	0.45	ng	#	91
40) Dibenzo(a,h)anthracene	25.885	278	6848	0.41	ng	#	92
41) Benzo(g,h,i)perylene	26.566	276	6685	0.42	ng	#	91

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

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