Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051121\
Data File : BN014564.D
Acq On : 11 May 2021 16:23
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
5/12/2021 2:05:19 PM

Quant Time: May 11 17:46:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 17:45:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	663	0.40	ng	# 0.00
7) Naphthalene-d8	10.530	136	2387	0.40	ng	# 0.00
13) Acenaphthene-d10	14.384	164	1673	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	4048	0.40	ng	# 0.00
29) Chrysene-d12	21.335	240	5229	0.40	ng	0.00
35) Perylene-d12	23.606	264	5224	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	398	0.21	ng	0.00
5) Phenol-d6	6.903	99	514	0.20	ng	0.00
8) Nitrobenzene-d5	8.883	82	430	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	1185	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	158	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	1286	0.21	ng	0.00
27) Fluoranthene-d10	19.173	212	3655	0.21	ng	0.00
31) Terphenyl-d14	19.779	244	2567	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	247	0.30	ng	# 85
3) n-Nitrosodimethylamine	3.730	42	50m	0.17	ng	
6) bis(2-Chloroethyl)ether	7.177	93	409	0.22	ng	# 86
9) Naphthalene	10.581	128	1303	0.21	ng	# 84
10) Hexachlorobutadiene	10.872	225	307	0.20	ng	# 96
12) 2-Methylnaphthalene	12.195	142	915	0.20	ng	# 88
16) Acenaphthylene	14.105	152	1193	0.18	ng	98
17) Acenaphthene	14.448	154	908	0.20	ng	98
18) Fluorene	15.437	166	1251	0.21	ng	99
20) 4,6-Dinitro-2-methylph...	15.513	198	84	0.25	ng	# 1
21) 4-Bromophenyl-phenylether	16.337	248	488	0.19	ng	93
22) Hexachlorobenzene	16.447	284	557	0.22	ng	90
23) Atrazine	16.605	200	315	0.18	ng	# 82
24) Pentachlorophenol	16.788	266	181	0.21	ng	# 23
25) Phenanthrene	17.177	178	2304	0.21	ng	98
26) Anthracene	17.262	178	1774	0.18	ng	98
28) Fluoranthene	19.203	202	2916	0.21	ng	97
30) Pyrene	19.566	202	3024	0.21	ng	99
32) Benzo(a)anthracene	21.314	228	3094	0.20	ng	97
33) Chrysene	21.367	228	3315	0.21	ng	99
34) Bis(2-ethylhexyl)phtha...	21.261	149	924	0.16	ng	# 75
36) Indeno(1,2,3-cd)pyrene	25.899	276	4122	0.21	ng	# 92
37) Benzo(b)fluoranthene	22.918	252	3609m	0.21	ng	
38) Benzo(k)fluoranthene	22.962	252	3679	0.22	ng	# 91
39) Benzo(a)pyrene	23.503	252	2959	0.20	ng	# 90
40) Dibenzo(a,h)anthracene	25.919	278	3481	0.20	ng	91
41) Benzo(g,h,i)perylene	26.601	276	3380	0.20	ng	# 91

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

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