Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102620\
Data File : BN012397.D
Acq On : 26 Oct 2020 13:16
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
10/27/2020 12:26:13 PM

Quant Time: Oct 26 13:51:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 12:39:15 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.586	152	648	0.40	ng		0.00
7) Naphthalene-d8	10.351	136	2637	0.40	ng		# 0.00
13) Acenaphthene-d10	14.221	164	1506	0.40	ng		0.00
19) Phenanthrene-d10	16.972	188	3092	0.40	ng		# 0.00
29) Chrysene-d12	21.177	240	3245	0.40	ng		# 0.00
36) Perylene-d12	23.354	264	3773	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	3710	2.12	ng		0.00
5) Phenol-d6	6.764	99	4666	2.11	ng		0.00
8) Nitrobenzene-d5	8.729	82	5379	1.87	ng		0.00
11) 2-Methylnaphthalene-d10	11.948	152	7456	1.52	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	1814	2.24	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	9732	1.45	ng		0.00
27) Fluoranthene-d10	19.011	212	16413	1.64	ng		0.00
31) Terphenyl-d14	19.622	244	13342	1.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	1605	1.87	ng	#	80
3) n-Nitrosodimethylamine	3.479	42	4347	3.18	ng	#	72
6) bis(2-Chloroethyl)ether	7.022	93	3451	1.86	ng		92
9) Naphthalene	10.402	128	12514	1.65	ng		97
10) Hexachlorobutadiene	10.681	225	2585	1.38	ng	#	99
12) 2-Methylnaphthalene	12.024	142	8428	1.57	ng	#	91
16) Acenaphthylene	13.942	152	12628	1.69	ng		99
17) Acenaphthene	14.285	154	7975	1.51	ng		91
18) Fluorene	15.274	166	10233	1.54	ng		98
20) 4,6-Dinitro-2-methylph...	15.376	198	1357	1.99	ng	#	86
21) 4-Bromophenyl-phenylether	16.168	248	3321	1.70	ng	#	85
22) Hexachlorobenzene	16.278	284	3896	1.73	ng	#	83
23) Atrazine	16.448	200	3155	1.78	ng		97
24) Pentachlorophenol	16.631	266	1842	1.94	ng		98
25) Phenanthrene	17.008	178	15850	1.57	ng		98
26) Anthracene	17.106	178	14975	1.67	ng		99
28) Fluoranthene	19.041	202	18592	1.50	ng		99
30) Pyrene	19.408	202	19008	1.66	ng		100
32) Benzo(a)anthracene	21.156	228	17648	1.50	ng		99
33) Chrysene	21.209	228	18822	1.53	ng		99
34) Bis(2-ethylhexyl)phtha...	21.103	149	10611	1.83	ng		92
35) Indeno(1,2,3-cd)pyrene	25.510	276	27515	1.72	ng		97
37) Benzo(b)fluoranthene	22.703	252	20857m	1.34	ng		
38) Benzo(k)fluoranthene	22.744	252	21635	1.39	ng		97
39) Benzo(a)pyrene	23.258	252	19703	1.44	ng		96
40) Dibenzo(a,h)anthracene	25.524	278	22870	1.48	ng		98
41) Benzo(g,h,i)perylene	26.167	276	23045	1.48	ng		98

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

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