Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032561.D
Acq On : 08 Jul 2024 21:39
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 02:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:30:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	4788	0.400	ng		0.00
7) Naphthalene-d8	10.357	136	15288	0.400	ng		-0.02
13) Acenaphthene-d10	14.221	164	9712	0.400	ng		-0.01
19) Phenanthrene-d10	16.991	188	21545	0.400	ng		-0.01
29) Chrysene-d12	21.202	240	16766	0.400	ng		0.00
35) Perylene-d12	23.417	264	16408	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	19739	1.631	ng		0.00
5) Phenol-d6	6.787	99	26934	1.750	ng		-0.04
8) Nitrobenzene-d5	8.756	82	19341	1.776	ng		-0.04
11) 2-Methylnaphthalene-d10	11.956	152	41146	1.703	ng		-0.03
14) 2,4,6-Tribromophenol	15.750	330	7976	1.812	ng		-0.01
15) 2-Fluorobiphenyl	12.842	172	63414	1.771	ng		-0.02
27) Fluoranthene-d10	19.031	212	93885	1.672	ng		-0.01
31) Terphenyl-d14	19.635	244	71640	1.750	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	9454	1.499	ng		98
3) n-Nitrosodimethylamine	3.479	42	7490	1.637	ng	#	98
6) bis(2-Chloroethyl)ether	7.025	93	20369	1.592	ng		97
9) Naphthalene	10.411	128	70271	1.683	ng		96
10) Hexachlorobutadiene	10.667	225	13156	1.582	ng	#	99
12) 2-Methylnaphthalene	12.032	142	48181	1.724	ng		98
16) Acenaphthylene	13.943	152	74349	1.777	ng		100
17) Acenaphthene	14.285	154	50217	1.727	ng		100
18) Fluorene	15.290	166	66216	1.738	ng		100
20) 4,6-Dinitro-2-methylph...	15.440	198	5389m	1.638	ng		
21) 4-Bromophenyl-phenylether	16.185	248	21460	1.677	ng	#	90
22) Hexachlorobenzene	16.284	284	23576	1.675	ng		98
23) Atrazine	16.470	200	17135	1.715	ng		94
24) Pentachlorophenol	16.669	266	9061	1.575	ng		99
25) Phenanthrene	17.029	178	100649	1.720	ng		100
26) Anthracene	17.128	178	87892	1.867	ng		99
28) Fluoranthene	19.063	202	118620	1.678	ng		100
30) Pyrene	19.430	202	120092	1.761	ng		100
32) Benzo(a)anthracene	21.184	228	95500	1.722	ng		99
33) Chrysene	21.238	228	107625	1.634	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	57171	1.517	ng		99
36) Indeno(1,2,3-cd)pyrene	25.642	276	105737	1.687	ng		100
37) Benzo(b)fluoranthene	22.747	252	94902	1.735	ng	#	89
38) Benzo(k)fluoranthene	22.791	252	104522	1.659	ng	#	89
39) Benzo(a)pyrene	23.323	252	86347	1.668	ng	#	82
40) Dibenzo(a,h)anthracene	25.648	278	84056	1.690	ng		90
41) Benzo(g,h,i)perylene	26.329	276	90036	1.662	ng		94

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

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