Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017768.D
Acq On : 07 Dec 2021 17:00
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 00:52:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 00:48:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	25849	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	96327	0.400	ng		0.00
13) Acenaphthene-d10	14.348	164	64661	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	134240	0.400	ng		0.00
29) Chrysene-d12	21.283	240	135633	0.400	ng		0.00
35) Perylene-d12	23.579	264	130324	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	289727	5.225	ng		0.00
5) Phenol-d6	6.904	99	303594	5.108	ng		0.00
8) Nitrobenzene-d5	8.859	82	360561	5.538	ng		0.00
11) 2-Methylnaphthalene-d10	12.086	152	866607	4.910	ng		0.00
14) 2,4,6-Tribromophenol	15.832	330	201819	6.504	ng		-0.01
15) 2-Fluorobiphenyl	12.965	172	1152251	4.812	ng		0.00
27) Fluoranthene-d10	19.125	212	2170350	4.804	ng		0.00
31) Terphenyl-d14	19.730	244	1455866	4.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	51845m	3.027	ng		
3) n-Nitrosodimethylamine	3.603	42	125705	5.140	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	301158	4.642	ng		99
9) Naphthalene	10.545	128	1138221	4.765	ng		99
10) Hexachlorobutadiene	10.837	225	326919	4.247	ng	#	99
12) 2-Methylnaphthalene	12.161	142	798456	4.873	ng		100
16) Acenaphthylene	14.056	152	1315795	5.299	ng		99
17) Acenaphthene	14.398	154	818069	4.867	ng		98
18) Fluorene	15.388	166	1028919	4.773	ng		100
21) 4-Bromophenyl-phenylether	16.290	248	425256	5.288	ng	#	92
22) Hexachlorobenzene	16.399	284	466006	4.726	ng		100
23) Atrazine	16.557	200	344279	6.178	ng		100
24) Pentachlorophenol	16.752	266	176745	8.756	ng		99
25) Phenanthrene	17.129	178	1708864	4.831	ng		100
26) Anthracene	17.215	178	1621291	5.248	ng		100
28) Fluoranthene	19.155	202	2002302	4.677	ng		99
30) Pyrene	19.522	202	2134940	4.185	ng		100
32) Benzo(a)anthracene	21.272	228	2154299	5.292	ng		98
33) Chrysene	21.325	228	2101329	4.845	ng		98
34) Bis(2-ethylhexyl)phtha...	21.219	149	1140055	5.328	ng		99
36) Indeno(1,2,3-cd)pyrene	25.934	276	1831979	6.727	ng		100
37) Benzo(b)fluoranthene	22.888	252	2179459	4.752	ng		99
38) Benzo(k)fluoranthene	22.932	252	2020318	4.785	ng		99
39) Benzo(a)pyrene	23.480	252	1953172	5.275	ng		99
40) Dibenzo(a,h)anthracene	25.955	278	1462329	7.689	ng		99
41) Benzo(g,h,i)perylene	26.653	276	1513787	5.525	ng		99

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

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