Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073021\
Data File : BN015725.D
Acq On : 30 Jul 2021 19:19
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
8/2/2021 3:47:37 PM

Quant Time: Jul 31 02:52:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 18:55:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	36184	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	154661	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	82976	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	155679	0.400	ng		0.00
29) Chrysene-d12	21.376	240	149220	0.400	ng		0.00
35) Perylene-d12	23.721	264	150900	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	155204	1.595	ng		0.00
5) Phenol-d6	6.951	99	186840	1.518	ng		0.00
8) Nitrobenzene-d5	8.937	82	160101	1.546	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	384864	1.582	ng		0.00
14) 2,4,6-Tribromophenol	15.918	330	61243	1.819	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	494936	1.566	ng		0.00
27) Fluoranthene-d10	19.212	212	692956	1.573	ng		0.00
31) Terphenyl-d14	19.817	244	569145	1.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	22678m	1.792	ng		
3) n-Nitrosodimethylamine	3.696	42	42900	1.728	ng		97
6) bis(2-Chloroethyl)ether	7.218	93	157417	1.629	ng		99
9) Naphthalene	10.622	128	652606	1.626	ng		100
10) Hexachlorobutadiene	10.914	225	114944	1.480	ng	#	100
12) 2-Methylnaphthalene	12.238	142	422746	1.555	ng		100
16) Acenaphthylene	14.142	152	612070	1.623	ng		100
17) Acenaphthene	14.484	154	387074	1.649	ng		98
18) Fluorene	15.474	166	474124	1.607	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	25160	2.171	ng	#	88
21) 4-Bromophenyl-phenylether	16.373	248	149844	1.619	ng		97
22) Hexachlorobenzene	16.482	284	162153	1.797	ng		100
23) Atrazine	16.640	200	121029	1.453	ng		99
24) Pentachlorophenol	16.823	266	66260	2.003	ng		100
25) Phenanthrene	17.212	178	729616	1.699	ng		100
26) Anthracene	17.297	178	667090	1.606	ng		100
28) Fluoranthene	19.237	202	781586	1.592	ng		100
30) Pyrene	19.604	202	800103	1.568	ng		100
32) Benzo(a)anthracene	21.355	228	787232	1.554	ng		100
33) Chrysene	21.408	228	767952	1.596	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	438457	1.510	ng		100
36) Indeno(1,2,3-cd)pyrene	26.124	276	912118	1.657	ng		99
37) Benzo(b)fluoranthene	23.012	252	803441	1.572	ng		99
38) Benzo(k)fluoranthene	23.057	252	841308	1.670	ng		97
39) Benzo(a)pyrene	23.615	252	735344	1.592	ng		99
40) Dibenzo(a,h)anthracene	26.147	278	766972	1.654	ng		96
41) Benzo(g,h,i)perylene	26.856	276	779249	1.666	ng		100

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

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