Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080221\
Data File : BN015758.D
Acq On : 02 Aug 2021 09:44
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
8/3/2021 11:48:52 AM

Quant Time: Aug 02 11:49:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:44:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	35275	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	154579	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	76876	0.400	ng		0.01
19) Phenanthrene-d10	17.164	188	142515	0.400	ng		0.00
29) Chrysene-d12	21.376	240	120903	0.400	ng	#	0.01
35) Perylene-d12	23.717	264	120105	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	9610	0.101	ng		0.00
5) Phenol-d6	6.951	99	11596	0.101	ng		0.00
8) Nitrobenzene-d5	8.924	82	10048	0.103	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	23341	0.100	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	2635	0.079	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	37171	0.126	ng		0.00
27) Fluoranthene-d10	19.207	212	34249	0.091	ng		0.00
31) Terphenyl-d14	19.813	244	36346	0.124	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	933	0.077	ng		92
6) bis(2-Chloroethyl)ether	7.218	93	10177	0.108	ng		99
9) Naphthalene	10.622	128	43957	0.109	ng		99
10) Hexachlorobutadiene	10.914	225	7551	0.107	ng	#	100
12) 2-Methylnaphthalene	12.234	142	28156	0.108	ng		100
16) Acenaphthylene	14.129	152	28753	0.085	ng		100
17) Acenaphthene	14.472	154	23268	0.106	ng		100
18) Fluorene	15.461	166	27333	0.102	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	512	0.047	ng	#	65
21) 4-Bromophenyl-phenylether	16.360	248	8333	0.100	ng		97
22) Hexachlorobenzene	16.482	284	10264	0.112	ng		99
23) Atrazine	16.628	200	4394	0.069	ng		98
24) Pentachlorophenol	16.823	266	2120	0.061	ng		98
25) Phenanthrene	17.212	178	45695	0.112	ng		99
26) Anthracene	17.297	178	33745	0.091	ng		100
28) Fluoranthene	19.237	202	44244	0.101	ng		100
30) Pyrene	19.599	202	44228	0.110	ng		100
32) Benzo(a)anthracene	21.355	228	35417	0.092	ng		99
33) Chrysene	21.408	228	44732	0.114	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	10718	0.052	ng		99
36) Indeno(1,2,3-cd)pyrene	26.120	276	40841	0.095	ng		97
37) Benzo(b)fluoranthene	23.009	252	41317	0.107	ng		97
38) Benzo(k)fluoranthene	23.057	252	45954m	0.110	ng		
39) Benzo(a)pyrene	23.615	252	31865	0.090	ng	#	94
40) Dibenzo(a,h)anthracene	26.141	278	33912	0.093	ng	#	89
41) Benzo(g,h,i)perylene	26.849	276	37063	0.098	ng		99

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

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