Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017196.D
Acq On : 30 Oct 2021 01:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
11/1/2021 1:37:04 PM

Quant Time: Oct 30 04:21:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 30 00:49:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	37433	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	169966	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	90233	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	167910	0.400	ng		0.00
29) Chrysene-d12	21.155	240	173356	0.400	ng		#-0.01
35) Perylene-d12	23.370	264	178677	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.173	112	34366	0.409	ng		0.00
5) Phenol-d6	6.749	99	37851	0.406	ng		0.00
8) Nitrobenzene-d5	8.710	82	37578	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	11.929	152	147700	0.573	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	12089	0.433	ng		0.00
15) 2-Fluorobiphenyl	12.824	172	124738	0.370	ng		0.00
27) Fluoranthene-d10	18.995	212	286499	0.607	ng		0.00
31) Terphenyl-d14	19.605	244	142803	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	7612m	0.382	ng		
3) n-Nitrosodimethylamine	3.495	42	12095	0.369	ng		98
6) bis(2-Chloroethyl)ether	7.008	93	37368	0.379	ng		99
9) Naphthalene	10.383	128	162768	0.367	ng		100
10) Hexachlorobutadiene	10.674	225	30828	0.377	ng	#	100
12) 2-Methylnaphthalene	12.000	142	106515	0.382	ng		100
16) Acenaphthylene	13.915	152	138569	0.384	ng		100
17) Acenaphthene	14.258	154	92412	0.371	ng		99
18) Fluorene	15.260	166	113115	0.383	ng		100
20) 4,6-Dinitro-2-methylph...	15.349	198	844	0.133	ng	#	78
21) 4-Bromophenyl-phenylether	16.155	248	34682	0.375	ng		96
22) Hexachlorobenzene	16.265	284	37399	0.371	ng		100
23) Atrazine	16.435	200	27236	0.430	ng		99
24) Pentachlorophenol	16.605	266	9842	0.419	ng		100
25) Phenanthrene	16.995	178	176146	0.375	ng		100
26) Anthracene	17.080	178	153982	0.391	ng		100
28) Fluoranthene	19.025	202	205012	0.402	ng		100
30) Pyrene	19.387	202	209896	0.385	ng		100
32) Benzo(a)anthracene	21.144	228	205560	0.392	ng		98
33) Chrysene	21.197	228	210418	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.101	149	131816	0.563	ng		99
36) Indeno(1,2,3-cd)pyrene	25.591	276	240244	0.370	ng		99
37) Benzo(b)fluoranthene	22.706	252	213838	0.384	ng		99
38) Benzo(k)fluoranthene	22.750	252	214082	0.386	ng		97
39) Benzo(a)pyrene	23.270	252	201493	0.400	ng		99
40) Dibenzo(a,h)anthracene	25.612	278	196331	0.373	ng		99
41) Benzo(g,h,i)perylene	26.272	276	205760	0.362	ng		100

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

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