Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032922\
Data File : BN019219.D
Acq On : 29 Mar 2022 11:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

Quant Time: Mar 29 17:27:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4888	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	12323	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	6580	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	12221	0.400	ng		# 0.00
29) Chrysene-d12	21.413	240	9599	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	8247	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	5055	0.438	ng		0.00
5) Phenol-d6	7.002	99	5311	0.402	ng		0.00
8) Nitrobenzene-d5	8.993	82	3925	0.411	ng		0.00
11) 2-Methylnaphthalene-d10	12.235	152	7770	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1244	0.389	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	11578	0.419	ng		0.00
27) Fluoranthene-d10	19.257	212	15314	0.428	ng		0.00
31) Terphenyl-d14	19.856	244	8450	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2639	0.405	ng	#	91
3) n-Nitrosodimethylamine	3.557	42	2914	0.401	ng	#	97
6) bis(2-Chloroethyl)ether	7.255	93	5778	0.405	ng		97
9) Naphthalene	10.690	128	14388	0.415	ng		100
10) Hexachlorobutadiene	10.989	225	3474	0.446	ng	#	99
12) 2-Methylnaphthalene	12.306	142	9164	0.402	ng		98
16) Acenaphthylene	14.196	152	12045	0.401	ng		99
17) Acenaphthene	14.538	154	8673	0.408	ng		99
18) Fluorene	15.522	166	10458	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.607	198	670	0.337	ng	#	68
21) 4-Bromophenyl-phenylether	16.415	248	3364	0.424	ng		95
22) Hexachlorobenzene	16.538	284	4278	0.455	ng		100
23) Atrazine	16.682	200	2252	0.409	ng		98
24) Pentachlorophenol	16.877	266	1690	0.502	ng		99
25) Phenanthrene	17.267	178	15565	0.397	ng		100
26) Anthracene	17.359	178	13066	0.402	ng		100
28) Fluoranthene	19.286	202	18813	0.425	ng		99
30) Pyrene	19.649	202	19455	0.429	ng		99
32) Benzo(a)anthracene	21.395	228	13235	0.429	ng		98
33) Chrysene	21.449	228	16782	0.425	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	15250	0.812	ng		98
36) Indeno(1,2,3-cd)pyrene	26.229	276	13160m	0.399	ng		
37) Benzo(b)fluoranthene	23.062	252	11747m	0.375	ng		
38) Benzo(k)fluoranthene	23.109	252	14880	0.374	ng	#	90
39) Benzo(a)pyrene	23.679	252	10728	0.400	ng	#	85
40) Dibenzo(a,h)anthracene	26.246	278	9930m	0.400	ng		
41) Benzo(g,h,i)perylene	26.971	276	13512	0.398	ng		97

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

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