Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018262.D
Acq On : 29 Dec 2021 15:40
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122921

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 29 17:53:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	30136	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	121068	0.400	ng		#-0.01
13) Acenaphthene-d10	14.256	164	68558	0.400	ng		-0.01
19) Phenanthrene-d10	17.005	188	129595	0.400	ng		# 0.00
29) Chrysene-d12	21.196	240	101228	0.400	ng		0.00
35) Perylene-d12	23.423	264	85089	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.227	112	24487	0.406	ng		-0.02
5) Phenol-d6	6.812	99	23472	0.402	ng		-0.02
8) Nitrobenzene-d5	8.784	82	25434	0.420	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	79545	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	6675	0.487	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	102225	0.394	ng		-0.01
27) Fluoranthene-d10	19.038	212	155630	0.377	ng		0.00
31) Terphenyl-d14	19.644	244	102850	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	6376m	0.371	ng		
3) n-Nitrosodimethylamine	3.502	42	10429	0.421	ng	#	96
6) bis(2-Chloroethyl)ether	7.061	93	29091	0.406	ng		99
9) Naphthalene	10.457	128	115352	0.385	ng		100
10) Hexachlorobutadiene	10.761	225	32358	0.388	ng	#	100
12) 2-Methylnaphthalene	12.078	142	75781	0.395	ng		99
16) Acenaphthylene	13.977	152	89966	0.373	ng		100
17) Acenaphthene	14.319	154	68370	0.386	ng		99
18) Fluorene	15.309	166	81809	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	684	0.451	ng	#	87
21) 4-Bromophenyl-phenylether	16.202	248	29992	0.381	ng		98
22) Hexachlorobenzene	16.324	284	38310	0.382	ng		99
23) Atrazine	16.482	200	15802	0.376	ng		97
24) Pentachlorophenol	16.665	266	3793	0.475	ng		99
25) Phenanthrene	17.042	178	132024	0.386	ng		100
26) Anthracene	17.139	178	100509	0.361	ng		99
28) Fluoranthene	19.068	202	156213	0.390	ng		100
30) Pyrene	19.430	202	156160	0.393	ng		100
32) Benzo(a)anthracene	21.174	228	103235	0.372	ng		98
33) Chrysene	21.227	228	130184	0.399	ng		99
34) Bis(2-ethylhexyl)phtha...	21.132	149	44030	0.348	ng		99
36) Indeno(1,2,3-cd)pyrene	25.692	276	77638	0.382	ng		98
37) Benzo(b)fluoranthene	22.755	252	101198	0.374	ng		100
38) Benzo(k)fluoranthene	22.796	252	100297	0.392	ng	#	97
39) Benzo(a)pyrene	23.330	252	88827	0.378	ng	#	95
40) Dibenzo(a,h)anthracene	25.709	278	54255	0.375	ng		99
41) Benzo(g,h,i)perylene	26.380	276	77053	0.380	ng		100

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

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