Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
Data File : BN015268.D
Acq On : 01 Jul 2021 19:55
Operator : CG/JU
Sample : M2783-19MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D4-20210618MS

Manual Integrations APPROVED
mohammad
7/2/2021 10:38:51 AM

Quant Time: Jul 02 01:00:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	21581	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	97435	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	49831	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	94253	0.40	ng		0.00
29) Chrysene-d12	21.291	240	78859	0.40	ng		#-0.01
35) Perylene-d12	23.536	264	62382	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	9047	0.16	ng		0.01
5) Phenol-d6	6.914	99	6376	0.09	ng		0.01
8) Nitrobenzene-d5	8.873	82	21907	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	56306	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	5111	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	79449	0.39	ng		0.00
27) Fluoranthene-d10	19.127	212	99831	0.36	ng		0.00
31) Terphenyl-d14	19.733	244	83612	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	114631m	11.33	ng		
3) n-Nitrosodimethylamine	3.687	42	2490	0.13	ng	#	86
6) bis(2-Chloroethyl)ether	7.163	93	29812	0.44	ng	#	84
9) Naphthalene	10.546	128	107963	0.39	ng		97
10) Hexachlorobutadiene	10.837	225	19406	0.37	ng	#	98
12) 2-Methylnaphthalene	12.158	142	70485	0.39	ng	#	90
16) Acenaphthylene	14.066	152	93455	0.42	ng		98
17) Acenaphthene	14.408	154	60226	0.39	ng		99
18) Fluorene	15.398	166	72469	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.474	198	222	0.32	ng		98
21) 4-Bromophenyl-phenylether	16.287	248	22625	0.38	ng	#	87
22) Hexachlorobenzene	16.397	284	24712	0.36	ng	#	91
23) Atrazine	16.555	200	15145	0.47	ng		93
24) Pentachlorophenol	16.750	266	7186	0.83	ng		99
25) Phenanthrene	17.127	178	114652	0.38	ng		98
26) Anthracene	17.224	178	103004	0.40	ng		99
28) Fluoranthene	19.157	202	127266	0.39	ng	#	97
30) Pyrene	19.524	202	126972	0.42	ng		99
32) Benzo(a)anthracene	21.270	228	111390	0.41	ng		98
33) Chrysene	21.323	228	110732	0.38	ng		98
34) Bis(2-ethylhexyl)phtha...	21.217	149	73957	0.87	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.795	276	68535	0.31	ng	#	87
37) Benzo(b)fluoranthene	22.861	252	96867	0.40	ng	#	95
38) Benzo(k)fluoranthene	22.906	252	100489	0.38	ng	#	94
39) Benzo(a)pyrene	23.436	252	77205	0.35	ng	#	94
40) Dibenzo(a,h)anthracene	25.808	278	51854	0.30	ng	#	91
41) Benzo(g,h,i)perylene	26.486	276	60256	0.31	ng	#	89

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

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