Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015307.D
Acq On : 02 Jul 2021 21:46
Operator : CG/JU
Sample : M2838-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D1-20210622MS

Manual Integrations APPROVED
mohammad
7/6/2021 10:03:19 AM

Quant Time: Jul 03 00:09:48 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	7.735	152	22929	0.40	ng		# 0.00
7) Naphthalene-d8	10.496	136	105511	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	56829	0.40	ng		0.00
19) Phenanthrene-d10	17.091	188	110163	0.40	ng		# 0.00
29) Chrysene-d12	21.291	240	90977	0.40	ng		#-0.01
35) Perylene-d12	23.533	264	77690	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.365	112	10901	0.19	ng		0.00
5) Phenol-d6	6.905	99	8361	0.11	ng		0.00
8) Nitrobenzene-d5	8.861	82	29419	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	87461m	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	7711	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	89026	0.39	ng		0.00
27) Fluoranthene-d10	19.128	212	136415	0.42	ng		0.00
31) Terphenyl-d14	19.728	244	101852	0.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	58790m	5.47	ng		
3) n-Nitrosodimethylamine	3.687	42	2982	0.15	ng	#	88
6) bis(2-Chloroethyl)ether	7.163	93	30973	0.43	ng	#	85
9) Naphthalene	10.546	128	113695	0.38	ng		97
10) Hexachlorobutadiene	10.838	225	19684	0.35	ng	#	99
12) 2-Methylnaphthalene	12.159	142	75399	0.39	ng	#	88
16) Acenaphthylene	14.053	152	107807	0.43	ng		98
17) Acenaphthene	14.408	154	68672	0.39	ng		97
18) Fluorene	15.398	166	83238	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.474	198	405	0.39	ng	#	80
21) 4-Bromophenyl-phenylether	16.288	248	25815	0.37	ng		93
22) Hexachlorobenzene	16.397	284	27373	0.34	ng	#	92
23) Atrazine	16.555	200	22194	0.54	ng		94
24) Pentachlorophenol	16.750	266	15545	1.27	ng		99
25) Phenanthrene	17.127	178	135213	0.38	ng		99
26) Anthracene	17.225	178	124031	0.41	ng		99
28) Fluoranthene	19.157	202	156788	0.41	ng	#	96
30) Pyrene	19.520	202	157407	0.45	ng		99
32) Benzo(a)anthracene	21.270	228	134291	0.43	ng		98
33) Chrysene	21.323	228	126699	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.206	149	144886	1.30	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.788	276	91375	0.33	ng	#	88
37) Benzo(b)fluoranthene	22.858	252	121625	0.40	ng	#	94
38) Benzo(k)fluoranthene	22.903	252	111924	0.34	ng	#	94
39) Benzo(a)pyrene	23.433	252	96386	0.35	ng	#	87
40) Dibenzo(a,h)anthracene	25.802	278	68428	0.31	ng	#	90
41) Benzo(g,h,i)perylene	26.476	276	81749	0.34	ng	#	88

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

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