Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070722\
Data File : BN020682.D
Acq On : 07 Jul 2022 18:08
Operator : CG/JU
Sample : N3616-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-03B-49-57-070622MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

Quant Time: Jul 08 01:31:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4552	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13362	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	7301	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	13285	0.400	ng	0.00
29) Chrysene-d12	21.431	240	8686	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	6312	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1077	0.085	ng	0.00
5) Phenol-d6	7.031	99	805	0.053	ng	0.00
8) Nitrobenzene-d5	8.993	82	2248	0.208	ng	0.00
11) 2-Methylnaphthalene-d10	12.223	152	6259	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	506	0.184	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	7232	0.240	ng	-0.01
27) Fluoranthene-d10	19.265	212	10904	0.276	ng	0.00
31) Terphenyl-d14	19.868	244	9244	0.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	582	0.098	ng	# 82
3) n-Nitrosodimethylamine	3.615	42	516	0.095	ng	92
6) bis(2-Chloroethyl)ether	7.255	93	3524	0.271	ng	98
9) Naphthalene	10.669	128	11307	0.283	ng	99
10) Hexachlorobutadiene	10.968	225	1850	0.254	ng	# 100
12) 2-Methylnaphthalene	12.295	142	7055	0.266	ng	99
16) Acenaphthylene	14.196	152	9116	0.260	ng	99
17) Acenaphthene	14.538	154	6429	0.269	ng	95
18) Fluorene	15.521	166	7996	0.257	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	374	0.369	ng	# 62
21) 4-Bromophenyl-phenylether	16.415	248	2326	0.301	ng	98
22) Hexachlorobenzene	16.538	284	2601	0.304	ng	97
23) Atrazine	16.692	200	1537	0.252	ng	98
24) Pentachlorophenol	16.887	266	1318	0.664	ng	97
25) Phenanthrene	17.267	178	13026	0.291	ng	100
26) Anthracene	17.359	178	10519	0.272	ng	100
28) Fluoranthene	19.295	202	14707	0.301	ng	99
30) Pyrene	19.657	202	15017	0.408	ng	100
32) Benzo(a)anthracene	21.413	228	9332	0.301	ng	98
33) Chrysene	21.467	228	11506	0.335	ng	98
34) Bis(2-ethylhexyl)phtha...	21.351	149	4042	0.231	ng	98
36) Indeno(1,2,3-cd)pyrene	26.226	276	4048	0.144	ng	100
37) Benzo(b)fluoranthene	23.071	252	7032	0.289	ng	93
38) Benzo(k)fluoranthene	23.118	252	7630m	0.295	ng	
39) Benzo(a)pyrene	23.682	252	5174	0.245	ng	# 87
40) Dibenzo(a,h)anthracene	26.246	278	3478	0.154	ng	# 86
41) Benzo(g,h,i)perylene	26.971	276	4015	0.163	ng	94

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

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