Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070822\
Data File : BN020689.D
Acq On : 08 Jul 2022 12:51
Operator : CG/JU
Sample : N3616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 09 00:09:10 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	7.818	152	4603	0.400	ng	0.00
7) Naphthalene-d8	10.615	136	13956	0.400	ng	#-0.01
13) Acenaphthene-d10	14.463	164	7564	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	13794	0.400	ng	0.00
29) Chrysene-d12	21.431	240	9276	0.400	ng	0.00
35) Perylene-d12	23.787	264	7069	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1107	0.087	ng	0.00
5) Phenol-d6	7.024	99	827	0.054	ng	0.00
8) Nitrobenzene-d5	8.982	82	2288	0.202	ng	-0.01
11) 2-Methylnaphthalene-d10	12.215	152	6012	0.251	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	503	0.176	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	7585	0.243	ng	-0.01
27) Fluoranthene-d10	19.265	212	11367	0.277	ng	0.00
31) Terphenyl-d14	19.868	244	9751	0.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2339	0.388	ng	# 89
3) n-Nitrosodimethylamine	3.608	42	520	0.095	ng	# 89
6) bis(2-Chloroethyl)ether	7.248	93	3449	0.263	ng	95
9) Naphthalene	10.669	128	11575	0.278	ng	99
10) Hexachlorobutadiene	10.957	225	1898	0.250	ng	# 100
12) 2-Methylnaphthalene	12.291	142	7365	0.266	ng	98
16) Acenaphthylene	14.185	152	9443	0.260	ng	99
17) Acenaphthene	14.527	154	6692	0.271	ng	96
18) Fluorene	15.521	166	8318	0.258	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	368	0.361	ng	# 59
21) 4-Bromophenyl-phenylether	16.415	248	2419	0.302	ng	93
22) Hexachlorobenzene	16.538	284	2676	0.301	ng	96
23) Atrazine	16.692	200	1548	0.245	ng	96
24) Pentachlorophenol	16.887	266	1364	0.663	ng	97
25) Phenanthrene	17.266	178	13555	0.291	ng	100
26) Anthracene	17.359	178	10717	0.267	ng	99
28) Fluoranthene	19.295	202	15387	0.303	ng	99
30) Pyrene	19.657	202	15979	0.407	ng	100
32) Benzo(a)anthracene	21.413	228	9812	0.296	ng	97
33) Chrysene	21.467	228	12223	0.333	ng	98
34) Bis(2-ethylhexyl)phtha...	21.351	149	4372	0.234	ng	98
36) Indeno(1,2,3-cd)pyrene	26.232	276	4444	0.141	ng	99
37) Benzo(b)fluoranthene	23.074	252	7880m	0.289	ng	
38) Benzo(k)fluoranthene	23.121	252	8038	0.277	ng	93
39) Benzo(a)pyrene	23.685	252	5407	0.229	ng	# 83
40) Dibenzo(a,h)anthracene	26.246	278	3600	0.143	ng	# 87
41) Benzo(g,h,i)perylene	26.974	276	4225	0.153	ng	96

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

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