Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081722\
Data File : BN021279.D
Acq On : 17 Aug 2022 14:02
Operator : CG/JU
Sample : N4169-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 06:41:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE133D1-20220809MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3186	0.400	ng	0.00
7) Naphthalene-d8	10.581	136	12198	0.400	ng	0.00
13) Acenaphthene-d10	14.429	164	5768	0.400	ng	0.00
19) Phenanthrene-d10	17.182	188	10448	0.400	ng	0.00
29) Chrysene-d12	21.395	240	7923	0.400	ng	# 0.00
35) Perylene-d12	23.726	264	6685	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	761	0.096	ng	0.01
5) Phenol-d6	7.018	99	480	0.052	ng	0.04
8) Nitrobenzene-d5	8.958	82	1754	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	12.179	152	5870	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	434	0.230	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6060	0.264	ng	0.00
27) Fluoranthene-d10	19.223	212	9176	0.323	ng	0.00
31) Terphenyl-d14	19.830	244	5999	0.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	2638	0.593	ng	# 89
3) n-Nitrosodimethylamine	3.609	42	292	0.260	ng	# 75
6) bis(2-Chloroethyl)ether	7.227	93	3070	0.392	ng	89
9) Naphthalene	10.624	128	10761	0.292	ng	99
10) Hexachlorobutadiene	10.923	225	1715	0.260	ng	# 100
12) 2-Methylnaphthalene	12.255	142	5664	0.225	ng	100
16) Acenaphthylene	14.151	152	7400	0.267	ng	99
17) Acenaphthene	14.493	154	5461	0.287	ng	99
18) Fluorene	15.487	166	7949	0.328	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	281	0.420	ng	99
21) 4-Bromophenyl-phenylether	16.382	248	1755	0.274	ng	91
22) Hexachlorobenzene	16.495	284	2090	0.289	ng	98
23) Atrazine	16.659	200	1187	0.288	ng	98
24) Pentachlorophenol	16.854	266	941	0.578	ng	95
25) Phenanthrene	17.223	178	10416	0.300	ng	100
26) Anthracene	17.326	178	8477	0.292	ng	99
28) Fluoranthene	19.252	202	11164	0.307	ng	100
30) Pyrene	19.619	202	11466	0.281	ng	99
32) Benzo(a)anthracene	21.377	228	7293	0.283	ng	99
33) Chrysene	21.431	228	10296	0.321	ng	99
34) Bis(2-ethylhexyl)phtha...	21.305	149	5410	0.307	ng	99
36) Indeno(1,2,3-cd)pyrene	26.135	276	6352	0.215	ng	97
37) Benzo(b)fluoranthene	23.018	252	8542	0.306	ng	97
38) Benzo(k)fluoranthene	23.065	252	8980m	0.319	ng	
39) Benzo(a)pyrene	23.623	252	7426	0.319	ng	94
40) Dibenzo(a,h)anthracene	26.155	278	5358	0.234	ng	97
41) Benzo(g,h,i)perylene	26.866	276	6247	0.235	ng	98

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

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