Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016872.D
Acq On : 09 Oct 2021 09:13
Operator : CG/JU
Sample : M4096-04MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MWHR3-8-100521MS

Manual Integrations APPROVED
mohammad
10/11/2021 2:12:40 PM

Quant Time: Oct 11 01:02:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20010	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	92038	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	48575	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	95604	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	100182	0.400	ng	0.00
35) Perylene-d12	23.447	264	103951	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	5328	0.107	ng	0.00
5) Phenol-d6	6.803	99	3490	0.061	ng	0.00
8) Nitrobenzene-d5	8.747	82	14499	0.225	ng	-0.01
11) 2-Methylnaphthalene-d10	11.972	152	40023	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	7634	0.304	ng	-0.01
15) 2-Fluorobiphenyl	12.861	172	49874	0.254	ng	-0.01
27) Fluoranthene-d10	19.038	212	98562	0.371	ng	0.00
31) Terphenyl-d14	19.654	244	80849	0.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1162m	0.130	ng	
3) n-Nitrosodimethylamine	3.558	42	1653	0.105	ng	# 97
6) bis(2-Chloroethyl)ether	7.052	93	15036	0.272	ng	99
9) Naphthalene	10.419	128	64591	0.258	ng	99
10) Hexachlorobutadiene	10.711	225	11401	0.238	ng	# 100
12) 2-Methylnaphthalene	12.047	142	42862	0.267	ng	100
16) Acenaphthylene	13.964	152	59172	0.276	ng	100
17) Acenaphthene	14.307	154	38150	0.268	ng	99
18) Fluorene	15.297	166	50521	0.292	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	2357	0.298	ng	# 69
21) 4-Bromophenyl-phenylether	16.202	248	17473	0.293	ng	# 83
22) Hexachlorobenzene	16.300	284	19386	0.285	ng	99
23) Atrazine	16.482	200	14446	0.305	ng	97
24) Pentachlorophenol	16.653	266	19264	0.702	ng	99
25) Phenanthrene	17.042	178	92975	0.327	ng	100
26) Anthracene	17.127	178	84239	0.334	ng	100
28) Fluoranthene	19.068	202	112488	0.353	ng	100
30) Pyrene	19.435	202	116725	0.379	ng	99
32) Benzo(a)anthracene	21.196	228	113594	0.367	ng	97
33) Chrysene	21.238	228	116323	0.369	ng	100
34) Bis(2-ethylhexyl)phtha...	21.143	149	84793	0.539	ng	100
36) Indeno(1,2,3-cd)pyrene	25.706	276	131120	0.333	ng	99
37) Benzo(b)fluoranthene	22.773	252	122621	0.373	ng	99
38) Benzo(k)fluoranthene	22.817	252	119963	0.375	ng	98
39) Benzo(a)pyrene	23.348	252	113791	0.378	ng	99
40) Dibenzo(a,h)anthracene	25.727	278	107313	0.333	ng	99
41) Benzo(g,h,i)perylene	26.394	276	112122	0.328	ng	100

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

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