Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011022\
Data File : BN018378.D
Acq On : 10 Jan 2022 14:33
Operator : CG/JU
Sample : M5221-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221MS

Quant Time: Jan 10 15:35:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	28316	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	133618	0.400	ng	#-0.03
13) Acenaphthene-d10	14.243	164	67266	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	117127	0.400	ng	#-0.01
29) Chrysene-d12	21.185	240	100621	0.400	ng	0.00
35) Perylene-d12	23.402	264	93320	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	12002	0.172	ng	0.00
5) Phenol-d6	6.812	99	6999	0.100	ng	0.00
8) Nitrobenzene-d5	8.759	82	30754	0.427	ng	-0.01
11) 2-Methylnaphthalene-d10	11.980	152	81514	0.390	ng	-0.02
14) 2,4,6-Tribromophenol	15.740	330	10445	0.479	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	92184	0.380	ng	-0.01
27) Fluoranthene-d10	19.023	212	133304	0.399	ng	-0.01
31) Terphenyl-d14	19.629	244	103869	0.477	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	4769	0.299	ng	# 52
3) n-Nitrosodimethylamine	3.502	42	6454	0.253	ng	84
6) bis(2-Chloroethyl)ether	7.052	93	32358	0.428	ng	99
9) Naphthalene	10.432	128	128250	0.378	ng	100
10) Hexachlorobutadiene	10.736	225	20388	0.323	ng	# 100
12) 2-Methylnaphthalene	12.056	142	83447	0.401	ng	98
16) Acenaphthylene	13.964	152	110724	0.415	ng	100
17) Acenaphthene	14.306	154	73947	0.397	ng	99
18) Fluorene	15.296	166	90980	0.434	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	3310	0.548	ng	92
21) 4-Bromophenyl-phenylether	16.190	248	28460	0.442	ng	89
22) Hexachlorobenzene	16.299	284	34373	0.401	ng	# 92
23) Atrazine	16.457	200	21023	0.473	ng	# 91
24) Pentachlorophenol	16.652	266	22473	0.962	ng	99
25) Phenanthrene	17.029	178	149465	0.454	ng	100
26) Anthracene	17.115	178	129433	0.476	ng	99
28) Fluoranthene	19.053	202	166686	0.477	ng	# 96
30) Pyrene	19.415	202	171306	0.481	ng	100
32) Benzo(a)anthracene	21.163	228	141893	0.479	ng	99
33) Chrysene	21.216	228	146376	0.435	ng	99
34) Bis(2-ethylhexyl)phtha...	21.110	149	124161	0.677	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.658	276	138085	0.466	ng	# 90
37) Benzo(b)fluoranthene	22.735	252	143578	0.475	ng	# 97
38) Benzo(k)fluoranthene	22.779	252	137005	0.463	ng	# 96
39) Benzo(a)pyrene	23.306	252	131773	0.471	ng	# 96
40) Dibenzo(a,h)anthracene	25.678	278	103172	0.437	ng	# 95
41) Benzo(g,h,i)perylene	26.346	276	125363	0.462	ng	# 92

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

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