Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015561.D
Acq On : 14 Jul 2021 13:34
Operator : CG/JU
Sample : M2939-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW-BR2-070221MS

Manual Integrations APPROVED
mohammad
7/15/2021 8:50:23 AM

Quant Time: Jul 14 16:35:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 11:20:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	14857	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	69796	0.400	ng	0.00
13) Acenaphthene-d10	14.434	164	39627	0.400	ng	0.00
19) Phenanthrene-d10	17.188	188	78599	0.400	ng	0.00
29) Chrysene-d12	21.387	240	62252	0.400	ng	# 0.00
35) Perylene-d12	23.748	264	40248	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.439	112	3612	0.095	ng	0.02
5) Phenol-d6	6.997	99	2949	0.062	ng	0.00
8) Nitrobenzene-d5	8.962	82	20723	0.530	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	44303m	0.383	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	3472	0.423	ng	0.00
15) 2-Fluorobiphenyl	13.063	172	58943	0.366	ng	0.00
27) Fluoranthene-d10	19.227	212	100269	0.432	ng	0.00
31) Terphenyl-d14	19.827	244	74721	0.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	1912m	0.274	ng	
3) n-Nitrosodimethylamine	3.724	42	2077	0.159	ng	# 73
6) bis(2-Chloroethyl)ether	7.246	93	18458	0.394	ng	# 85
9) Naphthalene	10.648	128	75671	0.378	ng	97
10) Hexachlorobutadiene	10.939	225	12921	0.343	ng	# 99
12) 2-Methylnaphthalene	12.265	142	52411	0.408	ng	# 88
16) Acenaphthylene	14.155	152	73645	0.419	ng	99
17) Acenaphthene	14.497	154	45761	0.372	ng	98
18) Fluorene	15.487	166	59651	0.398	ng	99
20) 4,6-Dinitro-2-methylph...	15.576	198	524	0.533	ng	# 75
21) 4-Bromophenyl-phenylether	16.385	248	19060	0.382	ng	93
22) Hexachlorobenzene	16.506	284	19422	0.343	ng	# 92
23) Atrazine	16.653	200	13221	0.480	ng	94
24) Pentachlorophenol	16.847	266	7449	0.962	ng	99
25) Phenanthrene	17.224	178	102280	0.404	ng	97
26) Anthracene	17.322	178	95878	0.442	ng	99
28) Fluoranthene	19.257	202	116751	0.429	ng	# 97
30) Pyrene	19.619	202	117220	0.495	ng	99
32) Benzo(a)anthracene	21.376	228	91686	0.429	ng	97
33) Chrysene	21.429	228	90281	0.388	ng	97
34) Bis(2-ethylhexyl)phtha...	21.312	149	87114	1.177	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.175	276	28318	0.196	ng	# 87
37) Benzo(b)fluoranthene	23.033	252	66566	0.422	ng	# 96
38) Benzo(k)fluoranthene	23.081	252	65147	0.387	ng	# 94
39) Benzo(a)pyrene	23.642	252	45028	0.312	ng	# 93
40) Dibenzo(a,h)anthracene	26.195	278	23853	0.211	ng	# 92
41) Benzo(g,h,i)perylene	26.918	276	22750	0.182	ng	# 89

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

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