Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015559.D
Acq On : 14 Jul 2021 12:21
Operator : CG/JU
Sample : M2907-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-13B-063021MSD

Manual Integrations APPROVED
mohammad
7/15/2021 8:50:18 AM

Quant Time: Jul 14 16:33:56 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	7.817	152	15296	0.400	ng	# 0.00
7) Naphthalene-d8	10.596	136	72458	0.400	ng	0.00
13) Acenaphthene-d10	14.446	164	41085	0.400	ng	0.01
19) Phenanthrene-d10	17.188	188	80622	0.400	ng	0.00
29) Chrysene-d12	21.386	240	61742	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	38084	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	6600	0.169	ng	0.00
5) Phenol-d6	6.997	99	4819	0.098	ng	0.00
8) Nitrobenzene-d5	8.961	82	21053	0.519	ng	0.00
11) 2-Methylnaphthalene-d10	12.189	152	46280	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	5928	0.554	ng	0.00
15) 2-Fluorobiphenyl	13.063	172	63796	0.382	ng	0.00
27) Fluoranthene-d10	19.226	212	97826	0.411	ng	0.00
31) Terphenyl-d14	19.827	244	74783	0.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	1710m	0.238	ng	
3) n-Nitrosodimethylamine	3.723	42	2189	0.163	ng	# 81
6) bis(2-Chloroethyl)ether	7.246	93	20526	0.425	ng	# 85
9) Naphthalene	10.647	128	86225	0.415	ng	97
10) Hexachlorobutadiene	10.939	225	16118	0.412	ng	# 99
12) 2-Methylnaphthalene	12.265	142	62902	0.472	ng	# 88
16) Acenaphthylene	14.154	152	85318	0.469	ng	98
17) Acenaphthene	14.497	154	54082	0.424	ng	98
18) Fluorene	15.486	166	69377	0.447	ng	99
20) 4,6-Dinitro-2-methylph...	15.575	198	817	0.686	ng	# 69
21) 4-Bromophenyl-phenylether	16.384	248	23204	0.454	ng	94
22) Hexachlorobenzene	16.506	284	23501	0.405	ng	# 92
23) Atrazine	16.652	200	18453	0.590	ng	93
24) Pentachlorophenol	16.847	266	13760	1.451	ng	99
25) Phenanthrene	17.224	178	115765	0.446	ng	98
26) Anthracene	17.321	178	107744	0.484	ng	99
28) Fluoranthene	19.256	202	123140	0.441	ng	# 97
30) Pyrene	19.619	202	123124	0.524	ng	99
32) Benzo(a)anthracene	21.376	228	110431	0.521	ng	97
33) Chrysene	21.418	228	105874	0.459	ng	99
34) Bis(2-ethylhexyl)phtha...	21.312	149	87981	1.193	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.168	276	36695	0.269	ng	# 87
37) Benzo(b)fluoranthene	23.029	252	80465	0.539	ng	# 95
38) Benzo(k)fluoranthene	23.077	252	76408	0.479	ng	# 94
39) Benzo(a)pyrene	23.638	252	56291	0.412	ng	# 94
40) Dibenzo(a,h)anthracene	26.188	278	29088	0.272	ng	# 92
41) Benzo(g,h,i)perylene	26.914	276	30472	0.258	ng	# 89

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

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