Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015558.D
Acq On : 14 Jul 2021 11:44
Operator : CG/JU
Sample : M2907-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

Quant Time: Jul 14 16:33:06 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	14580	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	68167	0.400	ng	0.00
13) Acenaphthene-d10	14.434	164	37485	0.400	ng	0.00
19) Phenanthrene-d10	17.188	188	73861	0.400	ng	0.00
29) Chrysene-d12	21.387	240	57625	0.400	ng	# 0.00
35) Perylene-d12	23.748	264	34302	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	6103	0.164	ng	0.00
5) Phenol-d6	6.997	99	4365	0.093	ng	0.00
8) Nitrobenzene-d5	8.962	82	19374	0.507	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	42984	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	5231	0.543	ng	0.00
15) 2-Fluorobiphenyl	13.064	172	60056	0.394	ng	0.00
27) Fluoranthene-d10	19.227	212	89749	0.411	ng	0.00
31) Terphenyl-d14	19.828	244	69001	0.512	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	1637m	0.239	ng	
3) n-Nitrosodimethylamine	3.724	42	2083	0.163	ng	# 79
6) bis(2-Chloroethyl)ether	7.246	93	19436	0.422	ng	# 85
9) Naphthalene	10.648	128	81196	0.415	ng	97
10) Hexachlorobutadiene	10.939	225	15244	0.414	ng	# 99
12) 2-Methylnaphthalene	12.261	142	58583	0.467	ng	# 90
16) Acenaphthylene	14.155	152	78257	0.471	ng	98
17) Acenaphthene	14.497	154	50451	0.434	ng	98
18) Fluorene	15.487	166	63886	0.451	ng	98
20) 4,6-Dinitro-2-methylph...	15.576	198	603	0.601	ng	# 76
21) 4-Bromophenyl-phenylether	16.385	248	21247	0.454	ng	93
22) Hexachlorobenzene	16.507	284	21739	0.409	ng	# 93
23) Atrazine	16.653	200	16475	0.580	ng	93
24) Pentachlorophenol	16.847	266	11862	1.390	ng	99
25) Phenanthrene	17.225	178	105285	0.443	ng	98
26) Anthracene	17.322	178	97834	0.480	ng	99
28) Fluoranthene	19.257	202	113594	0.444	ng	# 97
30) Pyrene	19.619	202	113368	0.517	ng	99
32) Benzo(a)anthracene	21.376	228	100590	0.509	ng	97
33) Chrysene	21.429	228	97321	0.452	ng	97
34) Bis(2-ethylhexyl)phtha...	21.313	149	78755	1.156	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.178	276	29800	0.243	ng	# 87
37) Benzo(b)fluoranthene	23.033	252	74944	0.557	ng	# 95
38) Benzo(k)fluoranthene	23.077	252	67901	0.473	ng	# 94
39) Benzo(a)pyrene	23.642	252	50433	0.410	ng	# 94
40) Dibenzo(a,h)anthracene	26.192	278	23467	0.243	ng	# 92
41) Benzo(g,h,i)perylene	26.914	276	24766	0.233	ng	# 90

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

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