Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN015005.D
Acq On : 23 Jun 2021 12:53
Operator : CG/JU
Sample : M2750-14MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616MSD

Manual Integrations APPROVED
mohammad
6/23/2021 4:51:18 PM

Quant Time: Jun 23 15:08:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	19628	0.400	ng	#-0.01
7) Naphthalene-d8	10.505	136	88302	0.400	ng	#-0.02
13) Acenaphthene-d10	14.359	164	46774	0.400	ng	-0.01
19) Phenanthrene-d10	17.104	188	88699	0.400	ng	#-0.01
29) Chrysene-d12	21.303	240	81191	0.400	ng	#-0.02
35) Perylene-d12	23.547	264	70355	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	9115	0.150	ng	0.00
5) Phenol-d6	6.920	99	6804	0.088	ng	0.00
8) Nitrobenzene-d5	8.883	82	23879	0.358	ng	-0.02
11) 2-Methylnaphthalene-d10	12.097	152	51269	0.339	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	6850	0.312	ng	-0.02
15) 2-Fluorobiphenyl	12.976	172	76488	0.431	ng	-0.02
27) Fluoranthene-d10	19.138	212	101575	0.363	ng	-0.02
31) Terphenyl-d14	19.744	244	136840	0.680	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	27797m	3.377	ng	
3) n-Nitrosodimethylamine	3.684	42	3813	0.209	ng	# 57
6) bis(2-Chloroethyl)ether	7.179	93	26643	0.441	ng	# 84
9) Naphthalene	10.556	128	97999	0.396	ng	97
10) Hexachlorobutadiene	10.847	225	16596	0.338	ng	# 98
12) 2-Methylnaphthalene	12.173	142	66416	0.399	ng	# 89
16) Acenaphthylene	14.079	152	93464	0.396	ng	98
17) Acenaphthene	14.422	154	59590	0.412	ng	97
18) Fluorene	15.412	166	72760	0.408	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	952	0.281	ng	# 60
21) 4-Bromophenyl-phenylether	16.301	248	23168	0.404	ng	# 87
22) Hexachlorobenzene	16.410	284	24215	0.400	ng	# 92
23) Atrazine	16.568	200	18821	0.367	ng	94
24) Pentachlorophenol	16.751	266	12079	0.543	ng	99
25) Phenanthrene	17.140	178	119298	0.441	ng	98
26) Anthracene	17.238	178	106907	0.404	ng	99
28) Fluoranthene	19.168	202	135219	0.441	ng	# 97
30) Pyrene	19.531	202	135605	0.422	ng	99
32) Benzo(a)anthracene	21.282	228	128676	0.420	ng	98
33) Chrysene	21.335	228	121247	0.413	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	118140	0.553	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.810	276	97392	0.414	ng	# 87
37) Benzo(b)fluoranthene	22.876	252	117364	0.445	ng	# 96
38) Benzo(k)fluoranthene	22.917	252	116026	0.456	ng	# 94
39) Benzo(a)pyrene	23.451	252	93323	0.402	ng	# 94
40) Dibenzo(a,h)anthracene	25.827	278	73728	0.388	ng	# 91
41) Benzo(g,h,i)perylene	26.498	276	81327	0.399	ng	# 89

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

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