Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN015004.D
Acq On : 23 Jun 2021 12:18
Operator : CG/JU
Sample : M2750-13MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616MS

Manual Integrations APPROVED
mohammad
6/23/2021 4:51:16 PM

Quant Time: Jun 23 14:48:31 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	19358	0.400	ng		#-0.01
7) Naphthalene-d8	10.518	136	86905	0.400	ng		# 0.00
13) Acenaphthene-d10	14.359	164	45851	0.400	ng		-0.01
19) Phenanthrene-d10	17.104	188	88345	0.400	ng		#-0.01
29) Chrysene-d12	21.303	240	79208	0.400	ng		#-0.02
35) Perylene-d12	23.554	264	68130	0.400	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.381	112	8965	0.150	ng		0.00
5) Phenol-d6	6.920	99	6664	0.088	ng		0.00
8) Nitrobenzene-d5	8.883	82	22886	0.348	ng		-0.02
11) 2-Methylnaphthalene-d10	12.102	152	50516	0.339	ng		-0.02
14) 2,4,6-Tribromophenol	15.843	330	6652	0.309	ng		-0.02
15) 2-Fluorobiphenyl	12.976	172	75427	0.433	ng		-0.02
27) Fluoranthene-d10	19.138	212	99261	0.356	ng		-0.02
31) Terphenyl-d14	19.744	244	133870	0.682	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	26842m	3.306	ng		
3) n-Nitrosodimethylamine	3.684	42	3848	0.214	ng	#	55
6) bis(2-Chloroethyl)ether	7.179	93	26320	0.442	ng	#	84
9) Naphthalene	10.556	128	96800	0.397	ng		97
10) Hexachlorobutadiene	10.860	225	16382	0.339	ng	#	99
12) 2-Methylnaphthalene	12.173	142	65441	0.399	ng	#	90
16) Acenaphthylene	14.079	152	90972	0.393	ng		98
17) Acenaphthene	14.422	154	58559	0.413	ng		98
18) Fluorene	15.412	166	70573	0.404	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	835	0.261	ng	#	61
21) 4-Bromophenyl-phenylether	16.301	248	22732	0.398	ng	#	87
22) Hexachlorobenzene	16.410	284	23682	0.393	ng	#	92
23) Atrazine	16.568	200	18000	0.353	ng		94
24) Pentachlorophenol	16.751	266	11321	0.511	ng		99
25) Phenanthrene	17.140	178	117129	0.435	ng		98
26) Anthracene	17.238	178	105433	0.400	ng		99
28) Fluoranthene	19.168	202	132054	0.432	ng	#	97
30) Pyrene	19.531	202	132848	0.423	ng		99
32) Benzo(a)anthracene	21.282	228	123519	0.414	ng		99
33) Chrysene	21.335	228	120020	0.419	ng		98
34) Bis(2-ethylhexyl)phtha...	21.228	149	111965	0.538	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.816	276	94394	0.415	ng	#	87
37) Benzo(b)fluoranthene	22.880	252	113456	0.444	ng	#	96
38) Benzo(k)fluoranthene	22.924	252	112236	0.455	ng	#	94
39) Benzo(a)pyrene	23.455	252	90669	0.403	ng	#	94
40) Dibenzo(a,h)anthracene	25.830	278	71391	0.388	ng	#	91
41) Benzo(g,h,i)perylene	26.504	276	78864	0.399	ng	#	89

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

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