Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014178.D
Acq On : 01 Apr 2021 14:46
Operator : CG/JU
Sample : M1836-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-0-2MSD

Manual Integrations APPROVED
mohammad
4/2/2021 12:09:28 PM

Quant Time: Apr 01 15:17:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	5931	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	22874	0.40	ng		# 0.00
13) Acenaphthene-d10	14.321	164	13507	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	26974	0.40	ng		# 0.00
29) Chrysene-d12	21.258	240	26777	0.40	ng		# 0.01
36) Perylene-d12	23.473	264	30471	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	7529	0.49	ng		0.00
5) Phenol-d6	6.863	99	9553	0.49	ng		0.00
8) Nitrobenzene-d5	8.832	82	8235	0.53	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	15441	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	2404	0.55	ng		0.01
15) 2-Fluorobiphenyl	12.938	172	20150	0.40	ng		0.00
27) Fluoranthene-d10	19.106	212	32644	0.46	ng		0.00
31) Terphenyl-d14	19.697	244	27147	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	2519	0.33	ng	#	21
3) n-Nitrosodimethylamine	3.545	42	2559	0.44	ng	#	89
6) bis(2-Chloroethyl)ether	7.121	93	8394	0.55	ng	#	79
9) Naphthalene	10.518	128	97000	1.72	ng		97
10) Hexachlorobutadiene	10.796	225	4191	0.41	ng	#	99
12) 2-Methylnaphthalene	12.129	142	37629	1.02	ng		100
16) Acenaphthylene	14.042	152	79668	1.54	ng		98
17) Acenaphthene	14.384	154	50369	1.35	ng		98
18) Fluorene	15.374	166	61167	1.35	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.450	198	331	0.10	ng	#	1
21) 4-Bromophenyl-phenylether	16.264	248	5997	0.43	ng		97
22) Hexachlorobenzene	16.373	284	6172	0.40	ng		98
23) Atrazine	16.532	200	4634	0.49	ng	#	93
24) Pentachlorophenol	16.714	266	3567	0.74	ng		98
25) Phenanthrene	17.104	178	571250	7.89	ng		100
26) Anthracene	17.189	178	136892	2.25	ng		98
28) Fluoranthene	19.136	202	1111107	14.67	ng		99
30) Pyrene	19.493	202	1227189	14.05	ng	#	94
32) Benzo(a)anthracene	21.237	228	744306	10.03	ng		97
33) Chrysene	21.290	228	713389	8.69	ng		96
34) Bis(2-ethylhexyl)phtha...	21.173	149	55310	2.44	ng		99
35) Indeno(1,2,3-cd)pyrene	25.698	276	528815	6.21	ng		96
37) Benzo(b)fluoranthene	22.809	252	926277	8.62	ng		97
38) Benzo(k)fluoranthene	22.850	252	354641m	3.38	ng		
39) Benzo(a)pyrene	23.374	252	728324	7.90	ng		93
40) Dibenzo(a,h)anthracene	25.708	278	162994	1.72	ng		96
41) Benzo(g,h,i)perylene	26.382	276	551302	5.47	ng		99

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

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