Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
Data File : BN013783.D
Acq On : 26 Feb 2021 14:58
Operator : CG/JU
Sample : PB134842BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134842BSD

Quant Time: Feb 26 15:27:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	5031	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	19147	0.40	ng		#-0.01
13) Acenaphthene-d10	14.371	164	10586	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	22289	0.40	ng		-0.01
29) Chrysene-d12	21.303	240	20715	0.40	ng		# 0.00
36) Perylene-d12	23.544	264	14883	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	5310	0.39	ng		0.00
5) Phenol-d6	6.895	99	7131	0.40	ng		0.00
8) Nitrobenzene-d5	8.883	82	5459	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.115	152	12302	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1349	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	16116	0.43	ng		0.00
27) Fluoranthene-d10	19.149	212	24352	0.37	ng		0.00
31) Terphenyl-d14	19.754	244	18658	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	2800	0.46	ng		96
3) n-Nitrosodimethylamine	3.585	42	2133	0.46	ng	#	89
6) bis(2-Chloroethyl)ether	7.161	93	5871	0.46	ng		93
9) Naphthalene	10.568	128	19727	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	3494	0.39	ng	#	100
12) 2-Methylnaphthalene	12.186	142	13267	0.40	ng		97
16) Acenaphthylene	14.092	152	17201	0.36	ng		99
17) Acenaphthene	14.435	154	12086	0.41	ng		99
18) Fluorene	15.425	166	14987	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	804	0.52	ng	#	72
21) 4-Bromophenyl-phenylether	16.313	248	4603	0.38	ng	#	85
22) Hexachlorobenzene	16.422	284	5084	0.40	ng		95
23) Atrazine	16.581	200	3234	0.29	ng	#	90
24) Pentachlorophenol	16.763	266	1423	0.35	ng		96
25) Phenanthrene	17.165	178	24489	0.42	ng		99
26) Anthracene	17.250	178	21110	0.37	ng		100
28) Fluoranthene	19.178	202	26877	0.39	ng		98
30) Pyrene	19.541	202	27002	0.42	ng		100
32) Benzo(a)anthracene	21.282	228	24227	0.38	ng		98
33) Chrysene	21.335	228	26021	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.229	149	7755	0.26	ng		98
35) Indeno(1,2,3-cd)pyrene	25.806	276	22088	0.29	ng		96
37) Benzo(b)fluoranthene	22.870	252	19502	0.41	ng		96
38) Benzo(k)fluoranthene	22.914	252	20813	0.45	ng		96
39) Benzo(a)pyrene	23.448	252	16913	0.40	ng		94
40) Dibenzo(a,h)anthracene	25.823	278	18588	0.41	ng		96
41) Benzo(g,h,i)perylene	26.494	276	18414	0.40	ng		96

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

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