Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013310.D
Acq On : 24 Dec 2020 03:03
Operator : CG/JU
Sample : PB133673BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB133673BS

Manual Integrations APPROVED
mohammad
12/24/2020 10:42:39 AM

Quant Time: Dec 24 04:07:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	612	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	1840	0.40	ng		# 0.00
13) Acenaphthene-d10	13.991	164	1102	0.40	ng		0.00
19) Phenanthrene-d10	16.763	188	2469	0.40	ng		# 0.00
29) Chrysene-d12	20.992	240	2402	0.40	ng		# 0.00
36) Perylene-d12	23.076	264	2747	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.954	112	998	0.40	ng		0.00
5) Phenol-d6	6.541	99	987	0.39	ng		0.00
8) Nitrobenzene-d5	8.515	82	814	0.43	ng		0.01
11) 2-Methylnaphthalene-d10	11.711	152	1200	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	284	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	1864	0.40	ng		0.00
27) Fluoranthene-d10	18.808	212	3104	0.38	ng		0.00
31) Terphenyl-d14	19.429	244	2456	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.925	88	1098	1.03	ng	#	73
3) n-Nitrosodimethylamine	3.271	42	686	0.39	ng	#	85
6) bis(2-Chloroethyl)ether	6.782	93	478	0.30	ng	#	77
9) Naphthalene	10.137	128	2246	0.40	ng	#	91
10) Hexachlorobutadiene	10.404	225	579	0.48	ng	#	99
12) 2-Methylnaphthalene	11.786	142	1448	0.38	ng	#	92
16) Acenaphthylene	13.712	152	2339	0.40	ng		99
17) Acenaphthene	14.054	154	1519	0.41	ng		90
18) Fluorene	15.057	166	2013	0.42	ng		100
20) 4,6-Dinitro-2-methylph...	15.247	198	146	0.40	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	253	0.52	ng	#	83
22) Hexachlorobenzene	16.069	284	643	0.38	ng		98
23) Atrazine	16.264	200	528	0.36	ng	#	88
24) Pentachlorophenol	16.446	266	290	0.41	ng		90
25) Phenanthrene	16.799	178	3147	0.39	ng		99
26) Anthracene	16.909	178	2620	0.37	ng		99
28) Fluoranthene	18.838	202	3780	0.39	ng		99
30) Pyrene	19.210	202	3844	0.41	ng		100
32) Benzo(a)anthracene	20.982	228	2976	0.35	ng		95
33) Chrysene	21.024	228	3978	0.44	ng		96
34) Bis(2-ethylhexyl)phtha...	20.907	149	1846	0.16	ng		98
35) Indeno(1,2,3-cd)pyrene	25.109	276	5359	0.43	ng		96
37) Benzo(b)fluoranthene	22.463	252	4272m	0.44	ng		
38) Benzo(k)fluoranthene	22.504	252	4700	0.42	ng		93
39) Benzo(a)pyrene	22.990	252	4225	0.44	ng	#	87
40) Dibenzo(a,h)anthracene	25.119	278	4400	0.42	ng	#	89
41) Benzo(g,h,i)perylene	25.725	276	4871	0.44	ng	#	94

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

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