Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022982.D
Acq On : 30 Nov 2022 12:41
Operator : CG/JU
Sample : PB149254BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 23:00:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	5257	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	14482	0.400	ng		# 0.00
13) Acenaphthene-d10	14.698	164	7538	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	15268	0.400	ng		0.00
29) Chrysene-d12	21.625	240	8865	0.400	ng		# 0.00
35) Perylene-d12	24.118	264	5925	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	4239	0.310	ng		0.00
5) Phenol-d6	7.204	99	5579	0.321	ng		0.00
8) Nitrobenzene-d5	9.217	82	4008	0.356	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	10351	0.330	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1032	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	13282	0.385	ng		0.00
27) Fluoranthene-d10	19.469	212	14916	0.360	ng		0.00
31) Terphenyl-d14	20.067	244	7696	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2252	0.338	ng		97
3) n-Nitrosodimethylamine	3.774	42	2322	0.323	ng		87
6) bis(2-Chloroethyl)ether	7.472	93	6185	0.379	ng		99
9) Naphthalene	10.925	128	16034	0.359	ng		100
10) Hexachlorobutadiene	11.224	225	3461	0.378	ng	#	100
12) 2-Methylnaphthalene	12.148	142	2608	0.287	ng	#	95
16) Acenaphthylene	14.420	152	12776m	0.320	ng		
17) Acenaphthene	14.762	154	9588	0.365	ng		98
18) Fluorene	15.739	166	11870	0.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.813	198	610	0.357	ng	#	67
21) 4-Bromophenyl-phenylether	16.632	248	3818	0.346	ng		93
22) Hexachlorobenzene	16.744	284	5142	0.382	ng		96
23) Atrazine	16.893	200	2251	0.290	ng		96
24) Pentachlorophenol	17.092	266	1008	0.274	ng		99
25) Phenanthrene	17.489	178	19151	0.361	ng		100
26) Anthracene	17.576	178	14778	0.321	ng		100
28) Fluoranthene	19.502	202	18222	0.323	ng		99
30) Pyrene	19.865	202	17312	0.375	ng		100
32) Benzo(a)anthracene	21.616	228	12037	0.336	ng		99
33) Chrysene	21.670	228	13832	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	5246	0.365	ng		98
36) Indeno(1,2,3-cd)pyrene	26.723	276	10129	0.412	ng		97
37) Benzo(b)fluoranthene	23.354	252	10573	0.400	ng	#	92
38) Benzo(k)fluoranthene	23.404	252	10751	0.375	ng	#	94
39) Benzo(a)pyrene	24.003	252	7124	0.353	ng	#	87
40) Dibenzo(a,h)anthracene	26.743	278	8211	0.421	ng		94
41) Benzo(g,h,i)perylene	27.515	276	8673	0.412	ng		96

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

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