Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112320\
Data File : BN012694.D
Acq On : 23 Nov 2020 13:29
Operator : CG/JU
Sample : PB133001BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB133001BS

Quant Time: Nov 23 14:39:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 12:44:50 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.441	152	519	0.40	ng		0.00
7) Naphthalene-d8	10.199	136	2145	0.40	ng	#	0.00
13) Acenaphthene-d10	14.090	164	1243	0.40	ng		0.00
19) Phenanthrene-d10	16.846	188	2631	0.40	ng	#	0.00
29) Chrysene-d12	21.067	240	2788	0.40	ng	#	0.00
36) Perylene-d12	23.183	264	3297	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.057	112	679	0.37	ng		0.00
5) Phenol-d6	6.628	99	791	0.37	ng		0.00
8) Nitrobenzene-d5	8.590	82	906	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.806	152	1313	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.600	330	346	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.707	172	1700	0.35	ng		0.00
27) Fluoranthene-d10	18.893	212	3067	0.38	ng		0.00
31) Terphenyl-d14	19.509	244	2442	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.020	88	376	0.46	ng	#	85
3) n-Nitrosodimethylamine	3.350	42	769	0.35	ng	#	67
6) bis(2-Chloroethyl)ether	6.886	93	546	0.38	ng	#	85
9) Naphthalene	10.250	128	2261	0.38	ng		96
10) Hexachlorobutadiene	10.542	225	506	0.39	ng	#	97
12) 2-Methylnaphthalene	11.882	142	1431	0.37	ng	#	87
16) Acenaphthylene	13.811	152	2303	0.37	ng		99
17) Acenaphthene	14.154	154	1452	0.37	ng		90
18) Fluorene	15.156	166	1805	0.36	ng		94
20) 4,6-Dinitro-2-methylph...	15.258	198	166	0.26	ng	#	1
21) 4-Bromophenyl-phenylether	16.055	248	504	0.33	ng		96
22) Hexachlorobenzene	16.153	284	740	0.37	ng	#	82
23) Atrazine	16.335	200	574	0.36	ng		93
24) Pentachlorophenol	16.506	266	348	0.37	ng		98
25) Phenanthrene	16.883	178	2907	0.37	ng		99
26) Anthracene	16.980	178	2635	0.37	ng		98
28) Fluoranthene	18.923	202	3398	0.37	ng		99
30) Pyrene	19.286	202	3501	0.37	ng		100
32) Benzo(a)anthracene	21.046	228	3323	0.37	ng		97
33) Chrysene	21.099	228	3387	0.36	ng		99
34) Bis(2-ethylhexyl)phtha...	20.993	149	2365	0.39	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.264	276	5274	0.38	ng		97
37) Benzo(b)fluoranthene	22.556	252	3854	0.37	ng	#	91
38) Benzo(k)fluoranthene	22.597	252	4116	0.37	ng	#	91
39) Benzo(a)pyrene	23.090	252	3717	0.36	ng	#	88
40) Dibenzo(a,h)anthracene	25.274	278	4384	0.38	ng		93
41) Benzo(g,h,i)perylene	25.897	276	4411	0.37	ng		96

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

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