Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
Data File : BN012016.D
Acq On : 29 Sep 2020 11:50
Operator : CG/JU
Sample : PB131892BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131892BS

Quant Time: Sep 29 12:42:23 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 10:58:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	1475	0.40	ng	#	0.00
7) Naphthalene-d8	10.440	136	6245	0.40	ng	#	0.00
13) Acenaphthene-d10	14.306	164	3290	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	6626	0.40	ng		0.00
29) Chrysene-d12	21.248	240	5957	0.40	ng	#	0.00
36) Perylene-d12	23.463	264	6469	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.275	112	2016	0.39	ng		0.00
5) Phenol-d6	6.845	99	2587	0.40	ng		0.00
8) Nitrobenzene-d5	8.818	82	2670	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	3724	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.790	330	694	0.43	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	4714	0.38	ng		0.00
27) Fluoranthene-d10	19.087	212	6961	0.36	ng		0.00
31) Terphenyl-d14	19.693	244	5247	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1069	0.42	ng	#	90
3) n-Nitrosodimethylamine	3.559	42	1896	0.51	ng	#	82
6) bis(2-Chloroethyl)ether	7.103	93	2151	0.39	ng		91
9) Naphthalene	10.491	128	6718	0.38	ng		99
10) Hexachlorobutadiene	10.782	225	1214	0.42	ng	#	99
12) 2-Methylnaphthalene	12.113	142	4254	0.37	ng	#	93
16) Acenaphthylene	14.014	152	6162	0.39	ng		100
17) Acenaphthene	14.369	154	4080	0.38	ng		91
18) Fluorene	15.359	166	5012	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.435	198	470	0.37	ng	#	3
21) 4-Bromophenyl-phenylether	16.250	248	1351	0.38	ng	#	84
22) Hexachlorobenzene	16.360	284	1655	0.40	ng	#	79
23) Atrazine	16.518	200	1361	0.40	ng	#	94
24) Pentachlorophenol	16.700	266	782	0.39	ng		93
25) Phenanthrene	17.090	178	7364	0.36	ng		99
26) Anthracene	17.175	178	6628	0.37	ng		99
28) Fluoranthene	19.117	202	8171	0.36	ng	#	96
30) Pyrene	19.479	202	8441	0.38	ng		100
32) Benzo(a)anthracene	21.237	228	6776	0.35	ng		99
33) Chrysene	21.290	228	7960	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	5075	0.38	ng	#	92
35) Indeno(1,2,3-cd)pyrene	25.671	276	9679	0.41	ng	#	95
37) Benzo(b)fluoranthene	22.803	252	7799	0.35	ng	#	84
38) Benzo(k)fluoranthene	22.844	252	8722	0.36	ng	#	87
39) Benzo(a)pyrene	23.364	252	7582	0.37	ng	#	78
40) Dibenzo(a,h)anthracene	25.688	278	7928	0.38	ng	#	87
41) Benzo(g,h,i)perylene	26.345	276	8537	0.37	ng	#	93

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

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