Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012455.D
Acq On : 30 Oct 2020 02:38
Operator : CG/JU
Sample : L4547-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT-033-IDWSO-20201027MS

Quant Time: Oct 30 04:17:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	784	0.40	ng		# 0.00
7) Naphthalene-d8	10.339	136	3271	0.40	ng		-0.01
13) Acenaphthene-d10	14.217	164	1765	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	3863	0.40	ng		# 0.00
29) Chrysene-d12	21.173	240	4369	0.40	ng		# 0.00
36) Perylene-d12	23.343	264	4903	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	904	0.33	ng		0.00
5) Phenol-d6	6.756	99	1203	0.37	ng		0.00
8) Nitrobenzene-d5	8.716	82	1485	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	2238	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.714	330	419	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.834	172	2870	0.44	ng		-0.01
27) Fluoranthene-d10	19.002	212	4159	0.35	ng		-0.01
31) Terphenyl-d14	19.613	244	4609	0.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	4361	3.42	ng	#	69
3) n-Nitrosodimethylamine	3.471	42	1148	0.37	ng	#	61
6) bis(2-Chloroethyl)ether	7.014	93	742	0.34	ng	#	84
9) Naphthalene	10.389	128	2789	0.30	ng		97
10) Hexachlorobutadiene	10.668	225	519	0.27	ng	#	98
12) 2-Methylnaphthalene	12.015	142	1944	0.33	ng	#	89
16) Acenaphthylene	13.925	152	2813	0.32	ng		99
17) Acenaphthene	14.280	154	1709	0.31	ng		87
18) Fluorene	15.270	166	2245	0.32	ng		97
20) 4,6-Dinitro-2-methylph...	15.372	198	223	0.25	ng	#	1
21) 4-Bromophenyl-phenylether	16.165	248	700	0.30	ng	#	91
22) Hexachlorobenzene	16.274	284	821	0.29	ng	#	84
23) Atrazine	16.445	200	516	0.23	ng		90
24) Pentachlorophenol	16.627	266	1279	0.97	ng		98
25) Phenanthrene	17.004	178	3867	0.34	ng		97
26) Anthracene	17.102	178	3380	0.32	ng		100
28) Fluoranthene	19.037	202	4316	0.32	ng		99
30) Pyrene	19.400	202	4727	0.32	ng		97
32) Benzo(a)anthracene	21.152	228	4422	0.33	ng		97
33) Chrysene	21.205	228	4447	0.30	ng		97
34) Bis(2-ethylhexyl)phtha...	21.099	149	4372	0.50	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.500	276	6578	0.31	ng		98
37) Benzo(b)fluoranthene	22.696	252	5161	0.33	ng	#	84
38) Benzo(k)fluoranthene	22.737	252	5254	0.31	ng	#	85
39) Benzo(a)pyrene	23.247	252	4632	0.31	ng	#	81
40) Dibenzo(a,h)anthracene	25.513	278	5429	0.32	ng	#	91
41) Benzo(g,h,i)perylene	26.157	276	5691	0.32	ng	#	94

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

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