Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009023.D
Acq On : 18 Dec 2019 20:04
Operator : JU
Sample : K6239-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BE-216-COMP-SMSD

Manual Integrations APPROVED
mohammad
12/19/2019 12:14:36 PM

Quant Time: Dec 19 10:36:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4354	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	17838	0.40	ng		0.00
13) Acenaphthene-d10	14.17	164	15648	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	23446	0.40	ng		0.01
27) Chrysene-d12	21.13	240	17095	0.40	ng		0.01
34) Perylene-d12	23.28	264	16003	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	3391	0.31	ng		0.00
5) Phenol-d6	6.74	99	5000	0.33	ng		0.00
8) Nitrobenzene-d5	8.67	82	4451	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	8437m	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1896	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	11145	0.19	ng		0.00
25) Fluoranthene-d10	18.96	212	18863	0.27	ng		0.01
29) Terphenyl-d14	19.57	244	11727	0.30	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	941	0.230	ng	#	71
3) n-Nitrosodimethylamine	3.48	42	1526	0.271	ng	#	89
6) bis(2-Chloroethyl)ether	6.98	93	3959	0.274	ng		98
9) Naphthalene	10.34	128	16520	0.340	ng		99
10) Hexachlorobutadiene	10.65	225	2627	0.282	ng	#	100
12) 2-Methylnaphthalene	11.97	142	12133	0.335	ng		98
16) Acenaphthylene	13.88	152	29007	0.405	ng	#	62
17) Acenaphthene	14.22	154	10481	0.221	ng	#	83
18) Fluorene	15.23	166	15714	0.246	ng	#	87
20) 4-Bromophenyl-phenylether	16.12	248	5266	0.375	ng	#	1
21) Hexachlorobenzene	16.24	284	3929	0.246	ng	#	1
22) Pentachlorophenol	16.58	266	4901	0.850	ng	#	85
23) Phenanthrene	16.96	178	39736	0.538	ng	#	41
24) Anthracene	17.05	178	21915	0.337	ng	#	94
26) Fluoranthene	18.99	202	31253	0.356	ng	#	81
28) Pyrene	19.36	202	39939	0.667	ng	#	90
30) Benzo(a)anthracene	21.11	228	31703	0.523	ng	#	12
31) Chrysene	21.16	228	28562	0.455	ng	#	19
32) Bis(2-ethylhexyl)phthalate	21.07	149	17555	0.619	ng	#	49
33) Indeno(1,2,3-cd)pyrene	25.39	276	20874	0.314	ng		95
35) Benzo(b)fluoranthene	22.64	252	22614	0.395	ng	#	1
36) Benzo(k)fluoranthene	22.68	252	17066	0.296	ng	#	1
37) Benzo(a)pyrene	23.19	252	20628	0.401	ng	#	1
38) Dibenzo(a,h)anthracene	25.41	278	13708	0.284	ng	#	1
39) Benzo(g,h,i)perylene	26.03	276	21408	0.449	ng	#	49

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

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