Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102690.D
Acq On : 1 Feb 2018 17:06
Operator : SJ/JU
Sample : J1405-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Manual Integrations APPROVED
Sohil
2/2/2018 9:52:48 AM

Quant Time: Feb 02 00:53:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200545	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	849006	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	372097	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	652050	20.00	ng		0.00
75) Chrysene-d12	13.87	240	443356	20.00	ng		0.00
86) Perylene-d12	15.30	264	368490	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1751039	132.39	ng		0.02
7) Phenol-d6	6.38	99	1883525	118.12	ng		0.02
23) Nitrobenzene-d5	7.27	82	1242513	84.10	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	340273	92.29	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1734172	68.53	ng		0.00
78) Terphenyl-d14	12.81	244	1592916	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	168596	26.829	ng		94
3) Pyridine	3.13	79	587418	35.769	ng		97
4) n-Nitrosodimethylamine	3.09	42	313147	48.638	ng		97
6) Aniline	6.38	93	573337	27.184	ng	#	58
8) 2-Chlorophenol	6.50	128	615640	44.404	ng		94
9) Benzaldehyde	6.26	77	255176	25.688	ng		96
10) Phenol	6.39	94	882587	50.700	ng		76
11) bis(2-Chloroethyl)ether	6.45	93	613813	46.360	ng		95
12) 1,3-Dichlorobenzene	6.64	146	623708	37.825	ng		98
13) 1,4-Dichlorobenzene	6.72	146	649648	39.331	ng		99
14) 1,2-Dichlorobenzene	6.87	146	555964	36.798	ng		98
15) Benzyl Alcohol	6.86	79	502597	44.673	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1053283	47.432	ng		97
17) 2-Methylphenol	6.99	107	525204	43.617	ng	#	90
18) Hexachloroethane	7.20	117	229383	39.852	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	463091	47.457	ng		95
20) 3+4-Methylphenols	7.15	107	712438	50.307	ng		96
22) Acetophenone	7.12	105	897777	44.359	ng	#	98
24) Nitrobenzene	7.29	77	680484	45.008	ng		96
25) Isophorone	7.53	82	1289336	48.953	ng		97
26) 2-Nitrophenol	7.61	139	350161	44.005	ng		97
27) 2,4-Dimethylphenol	7.66	122	563295	48.751	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	798394	49.072	ng		98
29) 2,4-Dichlorophenol	7.86	162	516616	43.894	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	455898	36.135	ng		98
31) Naphthalene	8.00	128	1670461	39.407	ng		100
32) Benzoic acid	7.80	122	102929	10.633	ng		99
33) 4-Chloroaniline	8.07	127	432259	24.250	ng		99
34) Hexachlorobutadiene	8.11	225	224972	33.386	ng		100
35) Caprolactam	8.46	113	167991m	43.218	ng		
36) 4-Chloro-3-methylphenol	8.58	107	574115	46.277	ng		99
37) 2-Methylnaphthalene	8.70	142	1088270	38.550	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	413357	36.924	ng		98
40) Hexachlorocyclopentadiene	8.84	237	222508	44.413	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	296640	39.583	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	288380	34.177	ng		97
45) 1,1'-Biphenyl	9.16	154	1234438	37.102	ng		99
46) 2-Chloronaphthalene	9.19	162	977296	37.789	ng		99
47) 2-Nitroaniline	9.30	65	399775	49.583	ng		89
48) Acenaphthylene	9.60	152	1450205	35.994	ng		99
49) Dimethylphthalate	9.47	163	1316495	42.804	ng		100
50) 2,6-Dinitrotoluene	9.55	165	267799	40.386	ng		96
51) Acenaphthene	9.77	154	871084	37.019	ng		99
52) 3-Nitroaniline	9.72	138	222231	28.330	ng		96
53) 2,4-Dinitrophenol	9.84	184	97111	34.828	ng	#	17
54) Dibenzofuran	9.95	168	1217091	38.218	ng		92
55) 4-Nitrophenol	9.95	139	849776	164.109	ng	#	21
56) 2,4-Dinitrotoluene	9.95	165	336701	41.291	ng	#	85
57) Fluorene	10.29	166	985518	39.054	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	243332	40.389	ng		99
59) Diethylphthalate	10.16	149	1158342	38.757	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	421841	38.557	ng		96
61) 4-Nitroaniline	10.35	138	307687	39.308	ng		98
62) Azobenzene	10.44	77	1192413	43.576	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	133932	30.787	ng		91
65) n-Nitrosodiphenylamine	10.40	169	919445	38.418	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	256642	36.562	ng		96
67) Hexachlorobenzene	10.83	284	256605	32.688	ng		96
68) Atrazine	10.94	200	283436	40.099	ng		99
69) Pentachlorophenol	11.05	266	207315	50.272	ng		99
70) Phenanthrene	11.25	178	1407971	37.055	ng		99
71) Anthracene	11.30	178	1454600	37.507	ng		99
72) Carbazole	11.47	167	1469288	38.834	ng		99
73) Di-n-butylphthalate	11.78	149	1773665	37.503	ng		100
74) Fluoranthene	12.44	202	1418498	36.609	ng		99
76) Benzidine	12.57	184	563045	37.804	ng		98
77) Pyrene	12.67	202	1421259	41.462	ng		99
79) Butylbenzylphthalate	13.28	149	751992	44.082	ng		96
80) Benzo(a)anthracene	13.86	228	1120777	41.060	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	245494	24.517	ng		98
82) Chrysene	13.90	228	1022706	36.896	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	965175	42.101	ng	#	99
84) Di-n-octyl phthalate	14.44	149	1592057	42.703	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	852591	37.244	ng		95
87) Benzo(b)fluoranthene	14.89	252	937819	39.266	ng		97
88) Benzo(k)fluoranthene	14.92	252	797501	35.343	ng		97
89) Benzo(a)pyrene	15.24	252	819318	38.036	ng	#	96
90) Dibenzo(a,h)anthracene	16.71	278	693743	39.759	ng		97
91) Benzo(g,h,i)perylene	17.13	276	746850	43.349	ng		93

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