Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092522.D
Acq On : 26 Jan 2017 13:37
Operator : SJ/MA
Sample : I1386-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Manual Integrations APPROVED
mohammad
1/27/2017 3:02:14 PM

Quant Time: Jan 27 00:29:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145846	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	548256	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	263117	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	375947	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	279341	20.00	ng		0.00
86) Perylene-d12	15.65	264	208459	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1200228	128.04	ng		0.02
7) Phenol-d6	6.60	99	1599092	133.92	ng		0.01
23) Nitrobenzene-d5	7.54	82	1013967	101.03	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	187432	104.53	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1565911	110.05	ng		0.00
78) Terphenyl-d14	13.11	244	1038388	98.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	203702	40.86	ng	#	85
3) Pyridine	3.41	79	552062	38.90	ng	#	84
4) n-Nitrosodimethylamine	3.37	42	305798	43.92	ng		84
6) Aniline	6.62	93	361182	20.28	ng	#	53
8) 2-Chlorophenol	6.76	128	432119	43.89	ng		85
9) Benzaldehyde	6.51	77	276405	32.62	ng		88
10) Phenol	6.61	94	619460	42.98	ng	#	77
11) bis(2-Chloroethyl)ether	6.70	93	468959	43.49	ng		89
12) 1,3-Dichlorobenzene	6.91	146	496298m	42.62	ng		
13) 1,4-Dichlorobenzene	6.99	146	534698	45.62	ng		95
14) 1,2-Dichlorobenzene	7.15	146	490122m	44.08	ng		
15) Benzyl Alcohol	7.12	79	458191	50.92	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	860154	40.32	ng		92
17) 2-Methylphenol	7.23	107	423464	50.33	ng		93
18) Hexachloroethane	7.49	117	146691	36.33	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	329395	40.51	ng		93
20) 3+4-Methylphenols	7.38	107	434739	42.59	ng		93
22) Acetophenone	7.39	105	682842	52.29	ng	#	93
24) Nitrobenzene	7.56	77	557288	53.00	ng		93
25) Isophorone	7.80	82	933886	47.22	ng		98
26) 2-Nitrophenol	7.88	139	184316	41.83	ng	#	79
27) 2,4-Dimethylphenol	7.92	122	437562	47.75	ng		96
28) bis(2-Chloroethoxy)methane	8.01	93	572174	44.07	ng		98
29) 2,4-Dichlorophenol	8.12	162	371364	46.74	ng		94
30) 1,2,4-Trichlorobenzene	8.20	180	385491	44.89	ng	#	95
31) Naphthalene	8.29	128	1259699	44.89	ng		99
33) 4-Chloroaniline	8.34	127	238608	20.10	ng	#	93
34) Hexachlorobutadiene	8.41	225	220842	47.02	ng		99
35) Caprolactam	8.69	113	100696	37.96	ng	#	37
36) 4-Chloro-3-methylphenol	8.82	107	366035	42.73	ng		98
37) 2-Methylnaphthalene	8.98	142	770650	43.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	371719	56.01	ng		99
40) Hexachlorocyclopentadiene	9.14	237	47358	14.25	ng		97
42) 2,4,6-Trichlorophenol	9.26	196	185875m	36.55	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	194899m	41.89	ng		
45) 1,1'-Biphenyl	9.45	154	905467	47.61	ng		96
46) 2-Chloronaphthalene	9.48	162	709238	45.65	ng		94
47) 2-Nitroaniline	9.57	65	258709	49.45	ng	#	74
48) Acenaphthylene	9.89	152	1107164	48.59	ng		98
49) Dimethylphthalate	9.76	163	978853	58.50	ng		99
50) 2,6-Dinitrotoluene	9.81	165	173115	50.62	ng		96
51) Acenaphthene	10.06	154	624220	44.09	ng		97
52) 3-Nitroaniline	9.98	138	212154	49.53	ng	#	78
54) Dibenzofuran	10.24	168	934971	48.63	ng		95
55) 4-Nitrophenol	10.13	139	110225	32.40	ng	#	79
56) 2,4-Dinitrotoluene	10.21	165	212935	46.91	ng		85
57) Fluorene	10.58	166	664335	46.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	85011	24.39	ng	#	97
59) Diethylphthalate	10.45	149	810730	50.53	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	311435	45.05	ng		96
61) 4-Nitroaniline	10.59	138	171762	40.09	ng		93
62) Azobenzene	10.73	77	811287	44.44	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	1886m	5.79	ng		
65) n-Nitrosodiphenylamine	10.69	169	649520	55.32	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	182037	47.96	ng		92
67) Hexachlorobenzene	11.13	284	172572	44.98	ng	#	89
68) Atrazine	11.22	200	203800	50.71	ng		97
69) Pentachlorophenol	11.32	266	57320	23.37	ng		96
70) Phenanthrene	11.54	178	1254993	60.62	ng		98
71) Anthracene	11.60	178	1145087	56.60	ng		98
72) Carbazole	11.74	167	892161	46.18	ng		98
73) Di-n-butylphthalate	12.08	149	1105196	50.03	ng		98
74) Fluoranthene	12.74	202	1943221	95.96	ng		97
76) Benzidine	12.85	184	303844	29.30	ng		97
77) Pyrene	12.97	202	1762861	87.10	ng		100
79) Butylbenzylphthalate	13.59	149	487863	59.50	ng	#	83
80) Benzo(a)anthracene	14.16	228	1043855	69.53	ng		100
81) 3,3'-Dichlorobenzidine	14.12	252	198340	34.80	ng	#	94
82) Chrysene	14.19	228	973635m	60.73	ng		
83) Bis(2-ethylhexyl)phthalate	14.15	149	590133	57.15	ng	#	98
84) Di-n-octyl phthalate	14.76	149	999429	53.31	ng		97
85) Indeno(1,2,3-cd)pyrene	17.16	276	709715	59.83	ng		95
87) Benzo(b)fluoranthene	15.22	252	963158m	71.97	ng		
88) Benzo(k)fluoranthene	15.25	252	748459m	67.26	ng		
89) Benzo(a)pyrene	15.60	252	776665	68.60	ng		99
90) Dibenzo(a,h)anthracene	17.17	278	525026	57.35	ng	#	95
91) Benzo(g,h,i)perylene	17.62	276	606069	65.46	ng	#	93

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

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