Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088710.D
Acq On : 5 Jul 2016 18:42
Operator : UM/SJ
Sample : PB91726BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Quant Time: Jul 06 01:58:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

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7/6/2016 7:19:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102752	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	425558	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	211867	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	410443	20.00	ng		0.00
75) Chrysene-d12	13.92	240	243177	20.00	ng		0.00
86) Perylene-d12	15.30	264	204943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	725350	105.80	ng		0.01
7) Phenol-d6	6.42	99	976656	110.25	ng		0.01
23) Nitrobenzene-d5	7.35	82	710143	87.45	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	295974	150.44	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1175542	87.64	ng		0.00
78) Terphenyl-d14	12.87	244	964487	88.34	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.08	79	296401	30.05	ng		90
4) n-Nitrosodimethylamine	3.04	42	122012	32.38	ng		88
6) Aniline	6.43	93	330359	25.59	ng	#	1
8) 2-Chlorophenol	6.56	128	280498	38.07	ng		96
9) Benzaldehyde	6.32	77	246444	41.07	ng		87
10) Phenol	6.43	94	424082	41.94	ng	#	71
11) bis(2-Chloroethyl)ether	6.51	93	259762	34.45	ng		94
12) 1,3-Dichlorobenzene	6.72	146	310854	38.34	ng		96
13) 1,4-Dichlorobenzene	6.79	146	298551m	37.09	ng		
14) 1,2-Dichlorobenzene	6.95	146	301676m	40.05	ng		
15) Benzyl Alcohol	6.92	79	290442	44.55	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	348920	31.96	ng		90
17) 2-Methylphenol	7.04	107	251456	41.83	ng		97
18) Hexachloroethane	7.29	117	120848	38.82	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	211514	35.54	ng		93
20) 3+4-Methylphenols	7.20	107	324925	45.04	ng		90
22) Acetophenone	7.19	105	415883	40.26	ng	#	87
24) Nitrobenzene	7.36	77	309607	37.81	ng	#	82
25) Isophorone	7.60	82	625169	41.56	ng		95
26) 2-Nitrophenol	7.68	139	169225	50.40	ng		92
27) 2,4-Dimethylphenol	7.72	122	300825	43.02	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	370710	37.87	ng	#	95
29) 2,4-Dichlorophenol	7.92	162	238405	42.18	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	256875	41.42	ng		96
31) Naphthalene	8.08	128	844611	40.26	ng		100
32) Benzoic acid	7.80	122	34619	6.82	ng		89
33) 4-Chloroaniline	8.14	127	188826	20.23	ng	#	93
34) Hexachlorobutadiene	8.20	225	135454	40.79	ng		99
35) Caprolactam	8.50	113	85736m	44.67	ng		
36) 4-Chloro-3-methylphenol	8.62	107	300562	44.97	ng		91
37) 2-Methylnaphthalene	8.78	142	600063	44.42	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	230219	32.67	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	273927	79.20	ng		98
42) 2,4,6-Trichlorophenol	9.05	196	182329	39.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	195313	48.86	ng		98
45) 1,1'-Biphenyl	9.23	154	676283	38.55	ng		98
46) 2-Chloronaphthalene	9.26	162	520022	37.76	ng		96
47) 2-Nitroaniline	9.36	65	211088	43.19	ng	#	82
48) Acenaphthylene	9.68	152	908915	41.48	ng		99
49) Dimethylphthalate	9.54	163	600651	39.79	ng		99
50) 2,6-Dinitrotoluene	9.60	165	137243	41.03	ng	#	49
51) Acenaphthene	9.85	154	561728	41.82	ng		99
52) 3-Nitroaniline	9.76	138	93042	21.88	ng		82
53) 2,4-Dinitrophenol	9.87	184	47504	32.16	ng	#	77
54) Dibenzofuran	10.02	168	794468	45.19	ng		95
55) 4-Nitrophenol	9.94	139	283151	87.62	ng		87
56) 2,4-Dinitrotoluene	10.00	165	197406	45.13	ng	#	41
57) Fluorene	10.35	166	566520	41.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	148295	47.95	ng	#	49
59) Diethylphthalate	10.24	149	629096	41.53	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	260577	41.39	ng		95
61) 4-Nitroaniline	10.38	138	154425	37.74	ng		84
62) Azobenzene	10.51	77	797077	46.13	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	58611	26.70	ng	#	77
65) n-Nitrosodiphenylamine	10.48	169	559320	40.26	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	178304	43.11	ng		94
67) Hexachlorobenzene	10.90	284	166385	36.34	ng		94
68) Atrazine	11.00	200	191723	44.29	ng		94
69) Pentachlorophenol	11.10	266	143504	52.96	ng		97
70) Phenanthrene	11.31	178	840139	37.44	ng		99
71) Anthracene	11.37	178	948336	42.51	ng		98
72) Carbazole	11.52	167	781567	37.22	ng		99
73) Di-n-butylphthalate	11.86	149	1101414	45.10	ng		99
74) Fluoranthene	12.49	202	817748	35.95	ng		97
76) Benzidine	12.62	184	562956	45.80	ng		99
77) Pyrene	12.72	202	811957	39.38	ng		100
79) Butylbenzylphthalate	13.35	149	427535	46.49	ng	#	83
80) Benzo(a)anthracene	13.91	228	692079	44.20	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	124764	21.19	ng		98
82) Chrysene	13.94	228	695723	44.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	495902	47.23	ng		99
84) Di-n-octyl phthalate	14.51	149	748361	41.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	549381	46.09	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	573962m	44.64	ng		
88) Benzo(k)fluoranthene	14.94	252	436625m	39.01	ng		
89) Benzo(a)pyrene	15.25	252	476453	43.77	ng	#	96
90) Dibenzo(a,h)anthracene	16.65	278	457032	50.28	ng		98
91) Benzo(g,h,i)perylene	17.04	276	477334	50.75	ng		96

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

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