Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090112.D
Acq On : 16 Sep 2016 18:00
Operator : UM/SJ
Sample : H4813-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-6-7MS

Quant Time: Sep 16 23:11:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	160219	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	631982	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	359778	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	497829	20.00	ng		-0.01
75) Chrysene-d12	13.66	240	356198	20.00	ng		-0.01
86) Perylene-d12	14.98	264	323909	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1392583	139.79	ng		0.00
7) Phenol-d6	6.20	99	1771356	135.82	ng		0.00
23) Nitrobenzene-d5	7.12	82	1151706	102.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	398427	110.25	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1601620	69.91	ng		-0.01
78) Terphenyl-d14	12.63	244	1388430	92.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	180157	34.64	ng		97
3) Pyridine	2.63	79	533410	40.45	ng		98
4) n-Nitrosodimethylamine	2.58	42	174642	41.83	ng		94
6) Aniline	6.20	93	522430	32.27	ng		92
8) 2-Chlorophenol	6.33	128	515241	44.89	ng		85
9) Benzaldehyde	6.08	77	46734	6.72	ng		97
10) Phenol	6.22	94	705624	48.20	ng	#	73
11) bis(2-Chloroethyl)ether	6.30	93	530565	45.19	ng		88
12) 1,3-Dichlorobenzene	6.48	146	504162	42.70	ng		100
13) 1,4-Dichlorobenzene	6.56	146	520539	42.71	ng		100
14) 1,2-Dichlorobenzene	6.71	146	415053m	37.48	ng		
15) Benzyl Alcohol	6.70	79	350133	47.67	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	614869	44.19	ng		97
17) 2-Methylphenol	6.82	107	419363	44.67	ng		98
18) Hexachloroethane	7.05	117	179846	40.66	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	360448	44.47	ng		98
20) 3+4-Methylphenols	6.98	107	520549	45.67	ng		96
22) Acetophenone	6.97	105	666801	43.59	ng		99
24) Nitrobenzene	7.13	77	480464	40.58	ng		98
25) Isophorone	7.38	82	1045173	44.41	ng		100
26) 2-Nitrophenol	7.45	139	267003	46.51	ng		99
27) 2,4-Dimethylphenol	7.51	122	453033	44.85	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	617606	44.74	ng		99
29) 2,4-Dichlorophenol	7.70	162	430322	48.23	ng		96
30) 1,2,4-Trichlorobenzene	7.77	180	398538	45.28	ng		100
31) Naphthalene	7.85	128	1368324	44.05	ng		100
32) Benzoic acid	7.61	122	68620	9.46	ng		94
33) 4-Chloroaniline	7.91	127	358105	27.09	ng		99
34) Hexachlorobutadiene	7.98	225	194079	43.06	ng		99
35) Caprolactam	8.28	113	152372m	51.14	ng		
36) 4-Chloro-3-methylphenol	8.41	107	473353	45.70	ng		94
37) 2-Methylnaphthalene	8.55	142	927695	48.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	278387	30.09	ng		98
40) Hexachlorocyclopentadiene	8.70	237	329962	68.63	ng		99

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-1-6-7MS

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	254794	38.00	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	293989	40.76	ng		98
45) 1,1'-Biphenyl	9.00	154	934958	31.76	ng		99
46) 2-Chloronaphthalene	9.03	162	799835	36.66	ng		99
47) 2-Nitroaniline	9.13	65	272789	39.17	ng		88
48) Acenaphthylene	9.44	152	1329071	36.28	ng		99
49) Dimethylphthalate	9.32	163	1350838	50.55	ng		99
50) 2,6-Dinitrotoluene	9.38	165	245191	41.06	ng	#	68
51) Acenaphthene	9.61	154	765165	37.39	ng		100
52) 3-Nitroaniline	9.54	138	217441	29.93	ng		98
53) 2,4-Dinitrophenol	9.64	184	125492	38.65	ng	#	81
54) Dibenzofuran	9.78	168	1110487	39.24	ng		96
55) 4-Nitrophenol	9.72	139	354611	69.35	ng		93
56) 2,4-Dinitrotoluene	9.78	165	260932	35.84	ng	#	77
57) Fluorene	10.12	166	848759	39.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	220739	40.13	ng		96
59) Diethylphthalate	10.02	149	982398	37.97	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	332716	38.17	ng	#	77
61) 4-Nitroaniline	10.16	138	258731	35.18	ng		98
62) Azobenzene	10.27	77	1036773	38.19	ng		98
64) 4,6-Dinitro-2-methylphenol	10.18	198	131983	39.32	ng		84
65) n-Nitrosodiphenylamine	10.24	169	734252	46.55	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	243083	50.65	ng	#	93
67) Hexachlorobenzene	10.66	284	256684	45.39	ng		95
68) Atrazine	10.78	200	230705	49.22	ng		98
69) Pentachlorophenol	10.86	266	248879	75.13	ng		98
70) Phenanthrene	11.07	178	1181953	49.13	ng		99
71) Anthracene	11.12	178	1209389	46.04	ng		100
72) Carbazole	11.28	167	1248287	46.32	ng		99
73) Di-n-butylphthalate	11.62	149	1379991	45.67	ng		100
74) Fluoranthene	12.24	202	1079419	42.82	ng		99
76) Benzidine	12.38	184	495568	34.11	ng		98
77) Pyrene	12.47	202	1197788	46.08	ng		100
79) Butylbenzylphthalate	13.11	149	597936	46.19	ng		94
80) Benzo(a)anthracene	13.65	228	855767m	41.16	ng		
81) 3,3'-Dichlorobenzidine	13.62	252	294361	33.78	ng		99
82) Chrysene	13.68	228	794222m	40.72	ng		
83) Bis(2-ethylhexyl)phthalate	13.67	149	693633	43.32	ng		99
84) Di-n-octyl phthalate	14.27	149	1183852	41.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	877065	51.76	ng		100
87) Benzo(b)fluoranthene	14.63	252	722879m	38.07	ng		
88) Benzo(k)fluoranthene	14.66	252	863016m	50.48	ng		
89) Benzo(a)pyrene	14.93	252	773340	45.41	ng	#	92
90) Dibenzo(a,h)anthracene	16.18	278	736119	55.20	ng		99
91) Benzo(g,h,i)perylene	16.51	276	744814	58.52	ng		97

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

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