Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093671.D
Acq On : 15 Mar 2017 16:46
Operator : SJ/MA
Sample : I2264-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-BB7-WSWMS

Quant Time: Mar 16 10:57:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168611	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	713431	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	318277	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	568609	20.00	ng		0.00
75) Chrysene-d12	13.90	240	346916	20.00	ng		0.01
86) Perylene-d12	15.29	264	299516	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1594917	157.43	ng		-0.01
7) Phenol-d6	6.38	99	1944040	152.17	ng		0.00
23) Nitrobenzene-d5	7.29	82	1301385	101.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	329343	158.82	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1613547	94.30	ng		0.00
78) Terphenyl-d14	12.84	244	1346712	100.93	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	265796	47.63	ng		86
3) Pyridine	2.95	79	470550	33.07	ng	#	80
4) n-Nitrosodimethylamine	2.89	42	363039	53.42	ng		84
6) Aniline	6.40	93	339326	19.35	ng	#	77
8) 2-Chlorophenol	6.50	128	586458	51.67	ng		96
9) Benzaldehyde	6.26	77	315059	40.54	ng		95
10) Phenol	6.39	94	1061277	67.79	ng	#	76
11) bis(2-Chloroethyl)ether	6.45	93	767963	60.70	ng		91
12) 1,3-Dichlorobenzene	6.64	146	621485m	47.83	ng		
13) 1,4-Dichlorobenzene	6.72	146	650839	48.93	ng		98
14) 1,2-Dichlorobenzene	6.88	146	569839	48.37	ng		95
15) Benzyl Alcohol	6.88	79	411891	45.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	957473	45.55	ng	#	8
17) 2-Methylphenol	7.00	107	682663	71.10	ng	#	92
18) Hexachloroethane	7.21	117	225247	50.21	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	511875	58.28	ng		98
20) 3+4-Methylphenols	7.16	107	999975	80.31	ng	#	73
22) Acetophenone	7.13	105	872783	50.84	ng		100
24) Nitrobenzene	7.30	77	665448	46.05	ng		97
25) Isophorone	7.56	82	1335686	51.51	ng		95
26) 2-Nitrophenol	7.62	139	335105	50.83	ng	#	90
27) 2,4-Dimethylphenol	7.68	122	967705	90.22	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	845692	51.66	ng		99
29) 2,4-Dichlorophenol	7.89	162	499578	49.51	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	496883	46.30	ng		96
31) Naphthalene	8.02	128	1741460	48.71	ng		99
33) 4-Chloroaniline	8.15	127	231927m	15.99	ng		
34) Hexachlorobutadiene	8.14	225	257259	46.54	ng		96
35) Caprolactam	8.48	113	154558m	44.85	ng		
36) 4-Chloro-3-methylphenol	8.61	107	556585	51.68	ng		97
37) 2-Methylnaphthalene	8.72	142	1040852	45.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	459410	52.86	ng		99
40) Hexachlorocyclopentadiene	8.86	237	211437	93.94	ng		95
42) 2,4,6-Trichlorophenol	9.02	196	328992	60.59	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	304420	52.25	ng		95
45) 1,1'-Biphenyl	9.18	154	1198900	51.71	ng		96
46) 2-Chloronaphthalene	9.21	162	1022302	57.60	ng		97
47) 2-Nitroaniline	9.33	65	377691	60.20	ng		98
48) Acenaphthylene	9.62	152	1563274	53.41	ng		99
49) Dimethylphthalate	9.50	163	1488089	70.52	ng		99
50) 2,6-Dinitrotoluene	9.57	165	229215	49.51	ng	#	49
51) Acenaphthene	9.80	154	927659	53.60	ng		97
52) 3-Nitroaniline	9.75	138	191640	34.45	ng		97
53) 2,4-Dinitrophenol	9.88	184	93358	44.28	ng	#	59
54) Dibenzofuran	9.97	168	1254773	57.92	ng		98
55) 4-Nitrophenol	9.96	139	165869m	61.39	ng		
56) 2,4-Dinitrotoluene	9.98	165	352183	61.92	ng	#	78
57) Fluorene	10.31	166	956098	52.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	261784	63.67	ng		93
59) Diethylphthalate	10.20	149	1218565	60.43	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	428208	52.04	ng		95
61) 4-Nitroaniline	10.37	138	245788	43.21	ng		96
62) Azobenzene	10.46	77	1337196	58.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	141977	38.54	ng		86
65) n-Nitrosodiphenylamine	10.42	169	891058	46.93	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	269649	44.85	ng		100
67) Hexachlorobenzene	10.86	284	260412	45.36	ng	#	79
68) Atrazine	10.96	200	259553	46.71	ng		98
69) Pentachlorophenol	11.08	266	142145	71.71	ng		98
70) Phenanthrene	11.27	178	1393370	42.93	ng		99
71) Anthracene	11.33	178	1466936	44.68	ng		99
72) Carbazole	11.50	167	1421308	46.08	ng		98
73) Di-n-butylphthalate	11.82	149	1772883	49.68	ng	#	96
74) Fluoranthene	12.46	202	1360146	43.39	ng		97
76) Benzidine	12.61	184	442557	38.79	ng		98
77) Pyrene	12.69	202	1322471	52.42	ng		100
79) Butylbenzylphthalate	13.31	149	650812	61.28	ng		99
80) Benzo(a)anthracene	13.89	228	992621	48.45	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	310883	43.33	ng		99
82) Chrysene	13.92	228	956281	50.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	975162	65.87	ng	#	97
84) Di-n-octyl phthalate	14.47	149	1408822	57.10	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	936997	59.06	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	993185m	54.45	ng		
88) Benzo(k)fluoranthene	14.93	252	750369m	42.66	ng		
89) Benzo(a)pyrene	15.24	252	809500	48.56	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	796263	57.73	ng		98
91) Benzo(g,h,i)perylene	17.04	276	828991	58.56	ng	#	88

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

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