Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082884.D
Acq On : 10 Nov 2015 22:13
Operator : UM/IZ
Sample : G4347-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-7-20151109MS

Quant Time: Nov 13 18:20:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	248628	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	958701	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	480143	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	915326	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	667767	20.00	ng		-0.03
86) Perylene-d12	15.40	264	588087	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1977388	123.75	ng		-0.01
7) Phenol-d6	6.46	99	2383154	112.18	ng		-0.01
23) Nitrobenzene-d5	7.39	82	1802848	81.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	658614	119.63	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	2436052	72.72	ng		-0.03
78) Terphenyl-d14	12.93	244	2358676	83.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	252465	36.62	ng		95
3) Pyridine	3.15	79	764794	38.23	ng		94
4) n-Nitrosodimethylamine	3.10	42	350134	35.29	ng	#	71
6) Aniline	6.48	93	568321	19.05	ng	#	1
8) 2-Chlorophenol	6.60	128	622329	35.13	ng	#	79
9) Benzaldehyde	6.35	77	58602	4.99	ng		97
10) Phenol	6.48	94	855900	35.51	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	683045	37.89	ng		91
12) 1,3-Dichlorobenzene	6.76	146	740065m	37.04	ng		
13) 1,4-Dichlorobenzene	6.83	146	682702	32.84	ng		97
14) 1,2-Dichlorobenzene	6.99	146	699229	36.99	ng		99
15) Benzyl Alcohol	6.97	79	705412	37.81	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1068080	40.40	ng		97
17) 2-Methylphenol	7.08	107	574212	38.27	ng		96
18) Hexachloroethane	7.33	117	265193	35.67	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	518576	33.21	ng		87
20) 3+4-Methylphenols	7.24	107	743677	38.12	ng	#	66
22) Acetophenone	7.23	105	959833	34.94	ng	#	94
24) Nitrobenzene	7.40	77	771509	34.24	ng		94
25) Isophorone	7.64	82	1503717	36.89	ng		99
26) 2-Nitrophenol	7.72	139	385546	40.99	ng	#	68
27) 2,4-Dimethylphenol	7.77	122	636381	37.66	ng		93
28) bis(2-Chloroethoxy)methane	7.86	93	874992	38.05	ng	#	98
29) 2,4-Dichlorophenol	7.97	162	607438	39.77	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	635025	36.97	ng	#	95
31) Naphthalene	8.13	128	1883239	35.60	ng		99
32) Benzoic acid	7.84	122	37980	3.28	ng		90
33) 4-Chloroaniline	8.18	127	260164	11.41	ng	#	81
34) Hexachlorobutadiene	8.26	225	363421	33.81	ng		97
35) Caprolactam	8.54	113	213180m	44.27	ng		
36) 4-Chloro-3-methylphenol	8.67	107	663096	36.92	ng		89
37) 2-Methylnaphthalene	8.82	142	1215122	35.51	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	600790	38.08	ng		97
40) Hexachlorocyclopentadiene	8.98	237	548950	64.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	480028	40.76	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	439862	37.76	ng	#	88
45) 1,1'-Biphenyl	9.29	154	1567637	38.05	ng		97
46) 2-Chloronaphthalene	9.31	162	1247938	38.83	ng		99
47) 2-Nitroaniline	9.40	65	458575	38.46	ng	#	85
48) Acenaphthylene	9.72	152	1773250	35.21	ng		100
49) Dimethylphthalate	9.60	163	2054158	52.22	ng	#	99
50) 2,6-Dinitrotoluene	9.65	165	351758	41.91	ng	#	55
51) Acenaphthene	9.89	154	1131394	35.44	ng		98
52) 3-Nitroaniline	9.81	138	262245	28.41	ng	#	80
53) 2,4-Dinitrophenol	9.92	184	127043	27.57	ng	#	17
54) Dibenzofuran	10.06	168	1547316	35.95	ng		94
55) 4-Nitrophenol	9.98	139	451824	63.80	ng		83
56) 2,4-Dinitrotoluene	10.05	165	483565	42.46	ng	#	84
57) Fluorene	10.41	166	1166992	33.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	400494	42.13	ng	#	86
59) Diethylphthalate	10.29	149	1483722	38.63	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	646179	37.05	ng		94
61) 4-Nitroaniline	10.43	138	325125	35.02	ng	#	76
62) Azobenzene	10.57	77	1730889	41.95	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	204999	31.44	ng		76
65) n-Nitrosodiphenylamine	10.52	169	1085060	32.81	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	396233	35.95	ng	#	69
67) Hexachlorobenzene	10.96	284	419293	34.07	ng	#	86
68) Atrazine	11.06	200	460330	45.02	ng		95
69) Pentachlorophenol	11.15	266	455748	60.98	ng		98
70) Phenanthrene	11.37	178	1819594	34.23	ng		99
71) Anthracene	11.42	178	2049127	36.60	ng		99
72) Carbazole	11.57	167	1706297	34.81	ng		100
73) Di-n-butylphthalate	11.92	149	2348627	38.46	ng		98
74) Fluoranthene	12.56	202	2136676	37.46	ng		99
76) Benzidine	12.67	184	961128	42.95	ng		99
77) Pyrene	12.79	202	2170421	47.33	ng		99
79) Butylbenzylphthalate	13.41	149	1044334	51.55	ng	#	84
80) Benzo(a)anthracene	13.97	228	1618755	38.77	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	377247	25.41	ng	#	96
82) Chrysene	14.01	228	1447352	37.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1269260	45.77	ng	#	99
84) Di-n-octyl phthalate	14.59	149	2091097	45.21	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1448876	43.99	ng	#	95
87) Benzo(b)fluoranthene	15.00	252	1357335m	35.96	ng		
88) Benzo(k)fluoranthene	15.04	252	1356937m	40.52	ng		
89) Benzo(a)pyrene	15.35	252	1301201	39.79	ng	#	95
90) Dibenzo(a,h)anthracene	16.81	278	1185215	42.80	ng		98
91) Benzo(g,h,i)perylene	17.21	276	1210206	45.62	ng	#	96

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

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