Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091201.D
Acq On : 16 Nov 2016 21:17
Operator : UM/SJ
Sample : H5636-11MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041MSD

Quant Time: Nov 17 00:53:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	180405	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	816952	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	430407	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	681236	20.00	ng		0.01
75) Chrysene-d12	13.78	240	495944	20.00	ng		0.00
86) Perylene-d12	15.15	264	353286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	757152	69.31	ng		0.01
7) Phenol-d6	6.28	99	635319	42.85	ng		0.00
23) Nitrobenzene-d5	7.20	82	1385750	92.53	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	630849	162.12	ng		0.01
44) 2-Fluorobiphenyl	9.00	172	2531838	101.27	ng		0.01
78) Terphenyl-d14	12.74	244	2453039	123.43	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	98860	15.82	ng	#	92
3) Pyridine	2.77	79	223439	15.29	ng		97
4) n-Nitrosodimethylamine	2.72	42	113809	19.68	ng		89
6) Aniline	6.28	93	432782	24.75	ng		96
8) 2-Chlorophenol	6.41	128	562028	43.13	ng		91
9) Benzaldehyde	6.17	77	60955	7.41	ng		94
10) Phenol	6.29	94	279711	17.05	ng		84
11) bis(2-Chloroethyl)ether	6.36	93	667751	48.29	ng		95
12) 1,3-Dichlorobenzene	6.56	146	647120	49.11	ng		96
13) 1,4-Dichlorobenzene	6.64	146	670855	47.44	ng		96
14) 1,2-Dichlorobenzene	6.80	146	646605	49.83	ng		96
15) Benzyl Alcohol	6.78	79	330598	31.61	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	858863	43.38	ng		56
17) 2-Methylphenol	6.91	107	365934	35.48	ng	#	88
18) Hexachloroethane	7.13	117	322948	59.02	ng	#	88
19) n-Nitroso-di-n-propylamine	7.06	70	550394	53.57	ng		94
20) 3+4-Methylphenols	7.07	107	429109	34.65	ng		98
22) Acetophenone	7.05	105	985281	52.38	ng	#	93
24) Nitrobenzene	7.22	77	828116	50.07	ng		99
25) Isophorone	7.46	82	1501847	52.04	ng		100
26) 2-Nitrophenol	7.54	139	387701	55.39	ng	#	72
27) 2,4-Dimethylphenol	7.60	122	528155	45.63	ng		96
28) bis(2-Chloroethoxy)methane	7.68	93	874778	55.49	ng		99
29) 2,4-Dichlorophenol	7.79	162	525422	52.01	ng		93
30) 1,2,4-Trichlorobenzene	7.86	180	610063	53.71	ng		99
31) Naphthalene	7.94	128	2473995	63.32	ng		98
32) Benzoic acid	7.72	122	90860	14.07	ng		94
33) 4-Chloroaniline	8.00	127	325431	20.03	ng		96
34) Hexachlorobutadiene	8.05	225	321896	52.50	ng		98
35) Caprolactam	8.42	113	16567	5.22	ng		87
36) 4-Chloro-3-methylphenol	8.49	107	549351	44.92	ng		88
37) 2-Methylnaphthalene	8.62	142	1378372	54.88	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	592170	53.96	ng		100
40) Hexachlorocyclopentadiene	8.78	237	408494	94.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	406091	57.32	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	383636	51.58	ng	#	91
45) 1,1'-Biphenyl	9.09	154	1465661	46.64	ng		100
46) 2-Chloronaphthalene	9.12	162	1199723	50.28	ng		99
47) 2-Nitroaniline	9.23	65	474239	53.56	ng		90
48) Acenaphthylene	9.53	152	1735543	46.67	ng		97
49) Dimethylphthalate	9.41	163	1568976	55.59	ng		100
50) 2,6-Dinitrotoluene	9.47	165	305848	50.57	ng		87
51) Acenaphthene	9.70	154	1138049	48.75	ng		99
52) 3-Nitroaniline	9.64	138	140220	19.55	ng		84
53) 2,4-Dinitrophenol	9.76	184	317980	95.22	ng		94
54) Dibenzofuran	9.87	168	1723694	54.85	ng		98
55) 4-Nitrophenol	9.82	139	128046m	30.62	ng		
56) 2,4-Dinitrotoluene	9.88	165	481776	62.60	ng	#	92
57) Fluorene	10.21	166	1244033	48.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	328114	56.31	ng	#	99
59) Diethylphthalate	10.11	149	1595975	55.16	ng		97
60) 4-Chlorophenyl-phenylether	10.21	204	613112	52.44	ng		94
61) 4-Nitroaniline	10.26	138	310010	42.73	ng		98
62) Azobenzene	10.37	77	1690299	49.62	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	229297	54.97	ng		93
65) n-Nitrosodiphenylamine	10.34	169	1322846	61.09	ng		98
66) 4-Bromophenyl-phenylether	10.69	248	401305	56.63	ng		94
67) Hexachlorobenzene	10.76	284	451051	57.71	ng		98
68) Atrazine	10.88	200	325134	52.05	ng		97
69) Pentachlorophenol	10.97	266	458601	132.49	ng		100
70) Phenanthrene	11.17	178	2074467	57.28	ng		98
71) Anthracene	11.22	178	1990251	51.69	ng		99
72) Carbazole	11.39	167	1880021	54.19	ng		97
73) Di-n-butylphthalate	11.72	149	2085034	47.78	ng	#	98
74) Fluoranthene	12.35	202	1857986	49.47	ng		97
76) Benzidine	12.49	184	224460	20.26	ng		98
77) Pyrene	12.58	202	1787194	55.03	ng		99
79) Butylbenzylphthalate	13.21	149	948201	61.03	ng		98
80) Benzo(a)anthracene	13.77	228	1576556	55.99	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	313010	31.64	ng	#	96
82) Chrysene	13.80	228	1538492	55.41	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1250039	59.46	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1972799	57.07	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1195689	51.90	ng		95
87) Benzo(b)fluoranthene	14.77	252	1287792m	53.74	ng		
88) Benzo(k)fluoranthene	14.81	252	1338613m	63.69	ng		
89) Benzo(a)pyrene	15.09	252	1141058	54.70	ng	#	96
90) Dibenzo(a,h)anthracene	16.43	278	1015503	56.32	ng		96
91) Benzo(g,h,i)perylene	16.80	276	959007	58.81	ng		95

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

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