Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091937.D
Acq On : 23 Dec 2016 21:22
Operator : UM/SJ
Sample : H6068-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H6058-05MSD

Quant Time: Dec 23 23:10:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214827	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	836862	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	393917	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	565852	20.00	ng		0.00
75) Chrysene-d12	13.89	240	437807	20.00	ng		-0.01
86) Perylene-d12	15.29	264	434254	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1728778	134.37	ng		0.05
7) Phenol-d6	6.44	99	2152914	137.06	ng		0.03
23) Nitrobenzene-d5	7.32	82	1419833	94.34	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	365597	112.15	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1927787	103.00	ng		0.00
78) Terphenyl-d14	12.84	244	1277509	70.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	229330	36.21	ng		96
3) Pyridine	3.01	79	572913	25.92	ng		98
4) n-Nitrosodimethylamine	2.98	42	371648	44.57	ng		100
6) Aniline	6.41	93	321303	15.75	ng	#	44
8) 2-Chlorophenol	6.54	128	601666	41.11	ng		98
9) Benzaldehyde	6.28	77	96118	8.20	ng		90
10) Phenol	6.45	94	989254	55.27	ng	#	70
11) bis(2-Chloroethyl)ether	6.49	93	658844	46.26	ng		99
12) 1,3-Dichlorobenzene	6.68	146	651629	41.71	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	667635	41.98	ng		97
14) 1,2-Dichlorobenzene	6.91	146	543135	39.36	ng		94
15) Benzyl Alcohol	6.91	79	563321	46.15	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	905830	42.71	ng		65
17) 2-Methylphenol	7.05	107	541781	46.03	ng		99
18) Hexachloroethane	7.25	117	248708	42.19	ng		94
19) n-Nitroso-di-n-propylamine	7.17	70	516362	49.41	ng		97
20) 3+4-Methylphenols	7.21	107	730241	52.02	ng	#	74
22) Acetophenone	7.16	105	941699	45.62	ng	#	93
24) Nitrobenzene	7.33	77	661185	41.25	ng		98
25) Isophorone	7.57	82	1210547	43.60	ng		93
26) 2-Nitrophenol	7.65	139	365759	46.27	ng		92
27) 2,4-Dimethylphenol	7.71	122	512307	39.08	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	805795	47.86	ng		97
29) 2,4-Dichlorophenol	7.92	162	515370	46.42	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	507391	41.71	ng	#	94
31) Naphthalene	8.05	128	1597909	41.72	ng		100
32) Benzoic acid	7.85	122	169144	17.39	ng		98
33) 4-Chloroaniline	8.11	127	200963	11.64	ng		95
34) Hexachlorobutadiene	8.17	225	288125	44.87	ng		98
35) Caprolactam	8.46	113	268437m	73.58	ng		
36) 4-Chloro-3-methylphenol	8.62	107	498673	39.04	ng		96
37) 2-Methylnaphthalene	8.75	142	1115607	50.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	423872	42.59	ng		98
40) Hexachlorocyclopentadiene	8.90	237	190736	44.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	296867	42.65	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	297880	41.59	ng		94
45) 1,1'-Biphenyl	9.22	154	1190755	44.15	ng		97
46) 2-Chloronaphthalene	9.23	162	891978	41.76	ng	#	91
47) 2-Nitroaniline	9.34	65	352534	46.36	ng	#	78
48) Acenaphthylene	9.65	152	1405459	42.78	ng		100
49) Dimethylphthalate	9.52	163	1163262	46.17	ng		98
50) 2,6-Dinitrotoluene	9.58	165	260825	47.30	ng		93
51) Acenaphthene	9.82	154	913591	41.02	ng		99
52) 3-Nitroaniline	9.74	138	152867	22.40	ng	#	91
53) 2,4-Dinitrophenol	9.86	184	85620	27.90	ng	#	69
54) Dibenzofuran	10.00	168	1228608	40.85	ng		99
55) 4-Nitrophenol	9.96	139	367557	79.32	ng	#	72
56) 2,4-Dinitrotoluene	9.98	165	311803	45.05	ng	#	93
57) Fluorene	10.34	166	964757	44.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	227192	40.10	ng	#	88
59) Diethylphthalate	10.21	149	980889	40.09	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	399562	41.70	ng		99
61) 4-Nitroaniline	10.36	138	188349	26.63	ng		89
62) Azobenzene	10.49	77	1143702	42.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	85768	25.07	ng	#	70
65) n-Nitrosodiphenylamine	10.45	169	847637	50.48	ng		95
66) 4-Bromophenyl-phenylether	10.82	248	275787	46.85	ng	#	89
67) Hexachlorobenzene	10.89	284	271857	43.21	ng		97
68) Atrazine	10.98	200	261605	48.30	ng		97
69) Pentachlorophenol	11.08	266	246960	80.00	ng		98
70) Phenanthrene	11.29	178	1292414	42.12	ng		98
71) Anthracene	11.34	178	1311507	50.18	ng		99
72) Carbazole	11.50	167	1137589	45.04	ng		99
73) Di-n-butylphthalate	11.84	149	1581853	55.35	ng		97
74) Fluoranthene	12.48	202	1258118	46.90	ng		92
76) Benzidine	12.60	184	377170	31.39	ng		96
77) Pyrene	12.70	202	1253496	39.02	ng		98
79) Butylbenzylphthalate	13.32	149	610212	41.77	ng		91
80) Benzo(a)anthracene	13.88	228	955341	38.66	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	261117	27.86	ng		98
82) Chrysene	13.92	228	819284	33.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	748972	43.53	ng	#	99
84) Di-n-octyl phthalate	14.49	149	1304632	40.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	937224	43.64	ng		99
87) Benzo(b)fluoranthene	14.90	252	1110959m	41.09	ng		
88) Benzo(k)fluoranthene	14.92	252	846992m	36.74	ng		
89) Benzo(a)pyrene	15.23	252	952490	39.69	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	788282	39.97	ng		97
91) Benzo(g,h,i)perylene	17.03	276	760406	37.08	ng		99

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

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