Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084387.D
Acq On : 11 Jan 2016 18:44
Operator : SJ/UM
Sample : H1058-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 12 03:40:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235319	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1019015	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	450143	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	779280	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	485921	20.00	ng		-0.05
86) Perylene-d12	15.45	264	423630	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1828934	125.71	ng		-0.01
7) Phenol-d6	6.51	99	2133226	116.75	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1537043	83.95	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	606380	133.43	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2528390	99.92	ng		-0.05
78) Terphenyl-d14	12.97	244	1940446	89.14	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	247661	35.94	ng	#	67
3) Pyridine	3.34	79	768823	40.01	ng	#	82
4) n-Nitrosodimethylamine	3.26	42	538883	54.64	ng	#	95
6) Aniline	6.52	93	134954	5.05	ng	#	1
8) 2-Chlorophenol	6.65	128	713670	43.24	ng		91
9) Benzaldehyde	6.41	77	149344	12.55	ng		88
10) Phenol	6.52	94	763129	36.73	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	725118	45.06	ng		90
12) 1,3-Dichlorobenzene	6.80	146	707164	41.53	ng	#	93
13) 1,4-Dichlorobenzene	6.88	146	754705	44.20	ng		94
14) 1,2-Dichlorobenzene	7.02	146	617792	37.78	ng		95
15) Benzyl Alcohol	7.00	79	607832	39.54	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1087796	37.12	ng		96
17) 2-Methylphenol	7.13	107	586678	42.41	ng	#	93
18) Hexachloroethane	7.37	117	275557	40.36	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	476181	38.50	ng	#	70
20) 3+4-Methylphenols	7.28	107	698888	42.98	ng	#	48
22) Acetophenone	7.28	105	1026198	41.88	ng	#	94
24) Nitrobenzene	7.45	77	861949	46.42	ng		96
25) Isophorone	7.69	82	1434199	40.96	ng		99
26) 2-Nitrophenol	7.76	139	360251	42.62	ng	#	76
27) 2,4-Dimethylphenol	7.81	122	648317	37.90	ng		88
28) bis(2-Chloroethoxy)methane	7.89	93	821739	38.42	ng		99
29) 2,4-Dichlorophenol	8.01	162	589928	41.40	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	643732	43.76	ng	#	95
31) Naphthalene	8.17	128	2102323	45.47	ng		98
32) Benzoic acid	7.94	122	372643	35.70	ng		93
33) 4-Chloroaniline	8.21	127	117897	5.56	ng		96
34) Hexachlorobutadiene	8.28	225	347284	41.07	ng		98
35) Caprolactam	8.60	113	174392m	36.30	ng		
36) 4-Chloro-3-methylphenol	8.72	107	718806	45.03	ng		98
37) 2-Methylnaphthalene	8.85	142	1280776	38.59	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	605873	46.82	ng		99
40) Hexachlorocyclopentadiene	9.01	237	343842	44.01	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	394918	40.79	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	391969	42.23	ng	#	78
45) 1,1'-Biphenyl	9.32	154	1555383	43.48	ng		100
46) 2-Chloronaphthalene	9.34	162	1162474	41.37	ng		96
47) 2-Nitroaniline	9.45	65	474931	51.21	ng		91
48) Acenaphthylene	9.77	152	1871220	45.07	ng		98
49) Dimethylphthalate	9.63	163	1557781	48.41	ng	#	90
50) 2,6-Dinitrotoluene	9.69	165	326252	46.22	ng	#	56
51) Acenaphthene	9.94	154	1308116	46.97	ng		98
52) 3-Nitroaniline	9.86	138	144390	16.51	ng	#	74
53) 2,4-Dinitrophenol	9.96	184	183729	61.95	ng	#	90
54) Dibenzofuran	10.11	168	1694687	47.13	ng		99
55) 4-Nitrophenol	10.04	139	476975	75.13	ng		88
56) 2,4-Dinitrotoluene	10.09	165	404247	45.25	ng	#	81
57) Fluorene	10.45	166	1266327	45.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	328672	41.48	ng		95
59) Diethylphthalate	10.33	149	1449001	45.67	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	630236	55.38	ng		99
61) 4-Nitroaniline	10.48	138	325600	41.76	ng		90
62) Azobenzene	10.60	77	1583794	45.51	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	154404	32.71	ng		95
65) n-Nitrosodiphenylamine	10.57	169	1168076	46.88	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	418090	49.85	ng		96
67) Hexachlorobenzene	10.99	284	382622	40.53	ng	#	78
68) Atrazine	11.09	200	393315	48.24	ng		97
69) Pentachlorophenol	11.20	266	401786	82.08	ng		98
70) Phenanthrene	11.41	178	1921601	47.14	ng		98
71) Anthracene	11.46	178	1755618	43.94	ng		98
72) Carbazole	11.62	167	1730931	44.31	ng		98
73) Di-n-butylphthalate	11.95	149	2224167	57.30	ng	#	95
74) Fluoranthene	12.59	202	1571302	36.90	ng		99
76) Benzidine	12.72	184	153787	8.83	ng		96
77) Pyrene	12.82	202	1511138	39.63	ng		98
79) Butylbenzylphthalate	13.45	149	849098	51.46	ng	#	89
80) Benzo(a)anthracene	14.01	228	1119810	39.25	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	240393	24.14	ng	#	95
82) Chrysene	14.04	228	1020829	37.23	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1056242	50.67	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1563034	44.41	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.84	276	1045681	48.11	ng		99
87) Benzo(b)fluoranthene	15.04	252	1061518	38.31	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	1098472m	48.47	ng		
89) Benzo(a)pyrene	15.39	252	1040048	44.25	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	884138	43.71	ng	#	96
91) Benzo(g,h,i)perylene	17.27	276	841052	40.15	ng		99

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

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