Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084434.D
Acq On : 13 Jan 2016 2:52
Operator : SJ/UM
Sample : H1078-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:51 PM

Quant Time: Jan 13 05:50:55 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	6.84	152	259448	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1045019	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	436424	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	743960	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	454156	20.00	ng		-0.06
86) Perylene-d12	15.43	264	462756	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1110158	69.21	ng		-0.04
7) Phenol-d6	6.49	99	941223	46.72	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1687299	89.86	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	602719	136.79	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2400458	97.70	ng		-0.06
78) Terphenyl-d14	12.96	244	1908466	93.80	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	160524	21.13	ng	#	82
3) Pyridine	3.21	79	415271	19.60	ng	#	79
4) n-Nitrosodimethylamine	3.13	42	214096	19.69	ng	#	99
6) Aniline	6.51	93	641077	21.75	ng	#	76
8) 2-Chlorophenol	6.64	128	698266	38.37	ng		91
9) Benzaldehyde	6.38	77	185108	14.11	ng		95
10) Phenol	6.50	94	419096	18.30	ng		82
11) bis(2-Chloroethyl)ether	6.58	93	784926	44.24	ng	#	82
12) 1,3-Dichlorobenzene	6.78	146	829440	44.18	ng		98
13) 1,4-Dichlorobenzene	6.86	146	820246m	43.57	ng		
14) 1,2-Dichlorobenzene	7.01	146	743209	41.22	ng		97
15) Benzyl Alcohol	6.99	79	508445	30.00	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1367140	42.31	ng		87
17) 2-Methylphenol	7.12	107	492800	32.31	ng	#	92
18) Hexachloroethane	7.36	117	299632	39.80	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	595644	43.68	ng	#	76
20) 3+4-Methylphenols	7.26	107	514851	28.72	ng	#	76
22) Acetophenone	7.25	105	1115818	44.40	ng		99
24) Nitrobenzene	7.44	77	928694	48.77	ng	#	85
25) Isophorone	7.68	82	1687360	46.99	ng	#	94
26) 2-Nitrophenol	7.74	139	409155	47.21	ng	#	82
27) 2,4-Dimethylphenol	7.79	122	650931	37.10	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	985204	44.91	ng		99
29) 2,4-Dichlorophenol	8.00	162	660985	45.23	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	720816	47.78	ng	#	94
31) Naphthalene	8.16	128	2366889	49.92	ng		99
32) Benzoic acid	7.88	122	121590	15.62	ng		95
33) 4-Chloroaniline	8.20	127	367761	16.92	ng		97
34) Hexachlorobutadiene	8.27	225	359141	41.41	ng		97
35) Caprolactam	8.57	113	36237	7.36	ng	#	47
36) 4-Chloro-3-methylphenol	8.69	107	677775	41.40	ng		98
37) 2-Methylnaphthalene	8.84	142	1423591	41.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	654620	52.18	ng		99
40) Hexachlorocyclopentadiene	9.00	237	667681	88.15	ng		99

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Quant Time: Jan 13 05:50:55 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)
42) 2,4,6-Trichlorophenol	9.13	196	454886	48.46	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	445197	49.47	ng		94
45) 1,1'-Biphenyl	9.31	154	1861597	53.67	ng		98
46) 2-Chloronaphthalene	9.33	162	1365987	50.14	ng		94
47) 2-Nitroaniline	9.44	65	466407	51.87	ng	#	60
48) Acenaphthylene	9.74	152	1986442	49.35	ng		97
49) Dimethylphthalate	9.62	163	1734329	55.59	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	377771	55.21	ng	#	72
51) Acenaphthene	9.92	154	1433429	53.09	ng		98
52) 3-Nitroaniline	9.84	138	168153	19.83	ng		94
53) 2,4-Dinitrophenol	9.95	184	338399	114.49	ng	#	85
54) Dibenzofuran	10.09	168	1810512	52.25	ng		92
55) 4-Nitrophenol	10.02	139	204958	33.30	ng		88
56) 2,4-Dinitrotoluene	10.08	165	429764	49.62	ng		92
57) Fluorene	10.43	166	1248513	46.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	366096	47.65	ng		89
59) Diethylphthalate	10.32	149	1574790	51.19	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	676620	62.36	ng		94
61) 4-Nitroaniline	10.45	138	311993	41.28	ng		87
62) Azobenzene	10.59	77	1766144	52.35	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	243233	54.88	ng		79
65) n-Nitrosodiphenylamine	10.54	169	1179915	49.60	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	443106	55.34	ng		97
67) Hexachlorobenzene	10.98	284	434109	48.17	ng	#	85
68) Atrazine	11.08	200	386254	49.62	ng		93
69) Pentachlorophenol	11.17	266	384751	82.33	ng		97
70) Phenanthrene	11.39	178	1926153	49.50	ng		97
71) Anthracene	11.45	178	2060065	54.00	ng		97
72) Carbazole	11.61	167	1739309	46.64	ng		98
73) Di-n-butylphthalate	11.94	149	2163693	58.88	ng	#	97
74) Fluoranthene	12.58	202	1720628	42.33	ng		98
76) Benzidine	12.70	184	183334	11.26	ng		97
77) Pyrene	12.81	202	1715274	48.13	ng		98
79) Butylbenzylphthalate	13.44	149	748778	48.55	ng	#	88
80) Benzo(a)anthracene	14.00	228	1246562	46.75	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	243596	26.17	ng	#	98
82) Chrysene	14.03	228	1199105	46.79	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	906397	46.52	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1543654	46.93	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1674341	82.43	ng		97
87) Benzo(b)fluoranthene	15.03	252	1338343m	44.21	ng		
88) Benzo(k)fluoranthene	15.05	252	1185928m	47.90	ng		
89) Benzo(a)pyrene	15.37	252	1298400	50.57	ng	#	94
90) Dibenzo(a,h)anthracene	16.84	278	1372016	62.10	ng		99
91) Benzo(g,h,i)perylene	17.25	276	1461964	63.90	ng		99

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

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