Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084429.D
Acq On : 13 Jan 2016 00:34
Operator : SJ/UM
Sample : G4988-09MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RX2MS

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:49 PM

Quant Time: Jan 13 02:33:52 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	255558	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	990429	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	450696	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	799469	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	505865	20.00	ng		-0.06
86) Perylene-d12	15.43	264	423881	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1074294	67.99	ng		-0.04
7) Phenol-d6	6.49	99	1077930	54.32	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1625705	91.35	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	534492	117.47	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2310922	90.62	ng		-0.06
78) Terphenyl-d14	12.96	244	1960874	86.53	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	185012	24.72	ng	#	81
3) Pyridine	3.20	79	419556	20.11	ng	#	81
4) n-Nitrosodimethylamine	3.12	42	235495	21.99	ng	#	88
6) Aniline	6.50	93	831688	28.65	ng	#	81
8) 2-Chlorophenol	6.62	128	620250	34.60	ng	#	81
9) Benzaldehyde	6.38	77	201535	15.60	ng		99
10) Phenol	6.50	94	481033	21.32	ng	#	66
11) bis(2-Chloroethyl)ether	6.58	93	792653	45.35	ng		83
12) 1,3-Dichlorobenzene	6.78	146	833006	45.05	ng		99
13) 1,4-Dichlorobenzene	6.86	146	817368m	44.08	ng		
14) 1,2-Dichlorobenzene	7.01	146	742427	41.81	ng		98
15) Benzyl Alcohol	6.99	79	575325	34.47	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1329399	41.77	ng		86
17) 2-Methylphenol	7.10	107	445739	29.67	ng		94
18) Hexachloroethane	7.36	117	345733	46.62	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	616537	45.90	ng	#	78
20) 3+4-Methylphenols	7.26	107	511785	28.98	ng	#	77
22) Acetophenone	7.25	105	1119480	47.01	ng		98
24) Nitrobenzene	7.42	77	866062	47.98	ng		91
25) Isophorone	7.68	82	1673545	49.17	ng		95
26) 2-Nitrophenol	7.74	139	345872	42.10	ng	#	82
27) 2,4-Dimethylphenol	7.79	122	606603	36.48	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	1074077	51.67	ng		98
29) 2,4-Dichlorophenol	8.00	162	577481	41.69	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	702740	49.15	ng		95
31) Naphthalene	8.17	128	7823579	174.11	ng	#	89
32) Benzoic acid	7.87	122	54603	10.69	ng	#	64
33) 4-Chloroaniline	8.20	127	715573m	34.74	ng		
34) Hexachlorobutadiene	8.27	225	366454	44.58	ng		98
35) Caprolactam	8.57	113	57000	12.21	ng	#	33
36) 4-Chloro-3-methylphenol	8.69	107	591701	38.14	ng		89
37) 2-Methylnaphthalene	8.84	142	2657139	82.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	655930	50.62	ng		98
40) Hexachlorocyclopentadiene	9.00	237	641696	82.04	ng		98

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Quant Time: Jan 13 02:33:52 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	395806	40.83	ng		93
43) 2,4,5-Trichlorophenol	9.16	196	409575	44.07	ng	#	83
45) 1,1'-Biphenyl	9.31	154	1919792	53.60	ng		100
46) 2-Chloronaphthalene	9.33	162	1367647	48.61	ng		94
47) 2-Nitroaniline	9.44	65	508633	54.77	ng	#	71
48) Acenaphthylene	9.74	152	2020227	48.60	ng		96
49) Dimethylphthalate	9.62	163	1722156	53.45	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	362475	51.29	ng	#	65
51) Acenaphthene	9.93	154	2331442	83.61	ng		98
52) 3-Nitroaniline	9.85	138	394193	45.02	ng	#	85
53) 2,4-Dinitrophenol	9.95	184	214799	71.74	ng		91
54) Dibenzofuran	10.10	168	2645136	75.24	ng		98
55) 4-Nitrophenol	10.02	139	242099	38.09	ng		87
56) 2,4-Dinitrotoluene	10.08	165	434226	48.55	ng	#	89
57) Fluorene	10.44	166	1912324	69.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	340548	42.92	ng		88
59) Diethylphthalate	10.32	149	1640000	51.62	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	663000	58.67	ng		96
61) 4-Nitroaniline	10.45	138	367847	47.13	ng		88
62) Azobenzene	10.59	77	1785775	51.25	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	176488	36.20	ng		80
65) n-Nitrosodiphenylamine	10.54	169	1227183	48.01	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	451775	52.50	ng		97
67) Hexachlorobenzene	10.98	284	438279	45.25	ng	#	86
68) Atrazine	11.08	200	456716	54.60	ng		98
69) Pentachlorophenol	11.18	266	356667	71.02	ng		99
70) Phenanthrene	11.40	178	2873476	68.71	ng		96
71) Anthracene	11.45	178	2122294	51.77	ng		96
72) Carbazole	11.61	167	2083534	51.99	ng		97
73) Di-n-butylphthalate	11.94	149	2289020	57.56	ng	#	96
74) Fluoranthene	12.58	202	1912744	43.78	ng		97
76) Benzidine	12.71	184	643585	35.48	ng		99
77) Pyrene	12.81	202	1924275	48.47	ng		97
79) Butylbenzylphthalate	13.44	149	848775	49.41	ng	#	89
80) Benzo(a)anthracene	14.00	228	1357613	45.71	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	415314	40.06	ng	#	97
82) Chrysene	14.03	228	1300361	45.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	952936	43.91	ng	#	94
84) Di-n-octyl phthalate	14.60	149	1513691	41.31	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.82	276	1519814	67.17	ng		96
87) Benzo(b)fluoranthene	15.03	252	1343572m	48.46	ng		
88) Benzo(k)fluoranthene	15.05	252	1099745m	48.50	ng		
89) Benzo(a)pyrene	15.37	252	1193988	50.77	ng	#	94
90) Dibenzo(a,h)anthracene	16.84	278	1251839	61.86	ng		97
91) Benzo(g,h,i)perylene	17.24	276	1360386	64.91	ng		97

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

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