Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084275.D
Acq On : 5 Jan 2016 9:39
Operator : UM/SJ
Sample : G4949-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MSD

Manual Integrations APPROVED
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1/5/2016 6:50:06 PM

Quant Time: Jan 05 13:50:10 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	6.89	152	263783	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	914894	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	385214	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	658817	20.00	ng		0.01
75) Chrysene-d12	14.05	240	479430	20.00	ng		-0.01
86) Perylene-d12	15.49	264	530826	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2232434	136.89	ng		0.02
7) Phenol-d6	6.54	99	2797857	136.60	ng		0.01
23) Nitrobenzene-d5	7.47	82	2039140	124.05	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	557705	143.40	ng		0.01
44) 2-Fluorobiphenyl	9.26	172	2179841	100.72	ng		0.00
78) Terphenyl-d14	13.01	244	2202105	102.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	302035	39.10	ng	#	76
3) Pyridine	3.31	79	881553	40.93	ng	#	75
4) n-Nitrosodimethylamine	3.26	42	537523	48.62	ng		80
6) Aniline	6.56	93	852899	28.47	ng	#	1
8) 2-Chlorophenol	6.68	128	872515	47.16	ng		84
9) Benzaldehyde	6.44	77	343067	25.72	ng		91
10) Phenol	6.56	94	936530	40.22	ng		76
11) bis(2-Chloroethyl)ether	6.64	93	898976	49.83	ng		83
12) 1,3-Dichlorobenzene	6.83	146	841564m	44.09	ng		
13) 1,4-Dichlorobenzene	6.91	146	812477	42.45	ng		98
14) 1,2-Dichlorobenzene	7.07	146	846392	46.18	ng		98
15) Benzyl Alcohol	7.05	79	854536	49.60	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1450263	44.15	ng		97
17) 2-Methylphenol	7.16	107	679798m	43.84	ng		
18) Hexachloroethane	7.41	117	427301	55.83	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	697871	50.33	ng	#	75
20) 3+4-Methylphenols	7.32	107	902180	49.50	ng	#	83
22) Acetophenone	7.31	105	1187187	53.96	ng	#	90
24) Nitrobenzene	7.48	77	906267	54.36	ng		95
25) Isophorone	7.72	82	1777137	56.53	ng	#	96
26) 2-Nitrophenol	7.80	139	474314	62.51	ng	#	86
27) 2,4-Dimethylphenol	7.85	122	778545	50.69	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	1077159	56.09	ng	#	89
29) 2,4-Dichlorophenol	8.04	162	700182	54.73	ng		91
30) 1,2,4-Trichlorobenzene	8.12	180	682996	51.71	ng		96
31) Naphthalene	8.21	128	2420196	58.31	ng		98
32) Benzoic acid	7.93	122	118239m	16.66	ng		
33) 4-Chloroaniline	8.26	127	483373	25.40	ng		97
34) Hexachlorobutadiene	8.33	225	427759	56.34	ng		99
35) Caprolactam	8.61	113	421701	97.77	ng	#	1
36) 4-Chloro-3-methylphenol	8.75	107	731006	51.01	ng		89
37) 2-Methylnaphthalene	8.90	142	1613178	54.14	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	559643	50.54	ng	#	96
40) Hexachlorocyclopentadiene	9.06	237	587492	87.88	ng		98

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Quant Time: Jan 05 13:50:10 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	9.18	196	418952	50.57	ng		96
43) 2,4,5-Trichlorophenol	9.23	196	367528	46.27	ng	#	69
45) 1,1'-Biphenyl	9.37	154	1418311	46.33	ng		99
46) 2-Chloronaphthalene	9.39	162	1102966	45.87	ng		98
47) 2-Nitroaniline	9.49	65	522298	65.80	ng		87
48) Acenaphthylene	9.81	152	1718816	48.38	ng	#	91
49) Dimethylphthalate	9.68	163	1567392	56.92	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	272270	45.08	ng	#	27
51) Acenaphthene	9.98	154	1276448	53.56	ng		98
52) 3-Nitroaniline	9.90	138	339385	45.35	ng		88
53) 2,4-Dinitrophenol	10.02	184	90460	37.15	ng	#	85
54) Dibenzofuran	10.16	168	1522989	49.65	ng	#	80
55) 4-Nitrophenol	10.08	139	517615	95.28	ng	#	60
56) 2,4-Dinitrotoluene	10.14	165	452366	59.18	ng	#	90
57) Fluorene	10.50	166	1419303	60.27	ng	#	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	309940	45.71	ng	#	91
59) Diethylphthalate	10.37	149	1229632	45.29	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	518193	52.83	ng	#	78
61) 4-Nitroaniline	10.52	138	298799	44.79	ng		90
62) Azobenzene	10.65	77	1375007	46.17	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	136905	34.19	ng	#	1
65) n-Nitrosodiphenylamine	10.61	169	1617199	76.78	ng	#	85
66) 4-Bromophenyl-phenylether	10.98	248	370763	52.29	ng	#	78
67) Hexachlorobenzene	11.06	284	401162	50.26	ng		98
68) Atrazine	11.14	200	355874	51.63	ng		98
69) Pentachlorophenol	11.24	266	313228	75.69	ng		98
70) Phenanthrene	11.46	178	2111245	61.26	ng	#	93
71) Anthracene	11.52	178	1999899m	59.20	ng		
72) Carbazole	11.66	167	1478066	44.76	ng		94
73) Di-n-butylphthalate	12.00	149	2125705	68.85	ng	#	97
74) Fluoranthene	12.64	202	1690036	46.95	ng		98
76) Benzidine	12.76	184	389929	22.68	ng		98
77) Pyrene	12.86	202	1851426	49.21	ng		97
79) Butylbenzylphthalate	13.48	149	844445	51.87	ng		95
80) Benzo(a)anthracene	14.04	228	1443874	51.29	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	405242	41.25	ng	#	94
82) Chrysene	14.09	228	1452018	53.68	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	995867	48.42	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1701803	49.01	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1641808	76.57	ng		99
87) Benzo(b)fluoranthene	15.08	252	1545167	44.50	ng	#	96
88) Benzo(k)fluoranthene	15.12	252	1433159m	50.47	ng		
89) Benzo(a)pyrene	15.44	252	1472727	50.00	ng	#	96
90) Dibenzo(a,h)anthracene	16.93	278	1362160	53.75	ng		99
91) Benzo(g,h,i)perylene	17.35	276	1342847	51.16	ng		99

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

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