Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090724.D
Acq On : 21 Oct 2016 21:48
Operator : UM/SJ
Sample : H5343-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Manual Integrations APPROVED
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10/24/2016 3:52:11 PM

Quant Time: Oct 24 11:08:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	293794	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1189921	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	628786	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	967835	20.00	ng		0.00
75) Chrysene-d12	14.03	240	693500	20.00	ng		0.01
86) Perylene-d12	15.46	264	449406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2035190	111.72	ng		0.02
7) Phenol-d6	6.51	99	2692414	109.12	ng		0.01
23) Nitrobenzene-d5	7.42	82	1898063	87.49	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	699839	140.62	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	3301529	81.51	ng		0.00
78) Terphenyl-d14	12.97	244	2759364	91.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	319381	30.30	ng	#	82
3) Pyridine	3.32	79	871243	35.27	ng	#	78
4) n-Nitrosodimethylamine	3.29	42	342181	40.49	ng		79
6) Aniline	6.53	93	901083	32.21	ng	#	85
8) 2-Chlorophenol	6.65	128	796790	36.44	ng		89
9) Benzaldehyde	6.41	77	174504	12.93	ng	#	75
10) Phenol	6.52	94	1132437	40.83	ng	#	58
11) bis(2-Chloroethyl)ether	6.60	93	894595	38.39	ng		96
12) 1,3-Dichlorobenzene	6.79	146	830421	37.80	ng	#	91
13) 1,4-Dichlorobenzene	6.87	146	892086	38.29	ng	#	92
14) 1,2-Dichlorobenzene	7.03	146	812812	35.63	ng		98
15) Benzyl Alcohol	7.00	79	620152	37.00	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1115788	31.97	ng		69
17) 2-Methylphenol	7.13	107	714249	43.35	ng	#	82
18) Hexachloroethane	7.37	117	342040	36.16	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	645936	35.15	ng	#	69
20) 3+4-Methylphenols	7.27	107	760677	38.95	ng	#	63
22) Acetophenone	7.27	105	1088014	41.03	ng	#	82
24) Nitrobenzene	7.45	77	896269	38.11	ng	#	70
25) Isophorone	7.69	82	1810846	44.09	ng	#	88
26) 2-Nitrophenol	7.77	139	468822	48.79	ng	#	81
27) 2,4-Dimethylphenol	7.80	122	766665	45.00	ng	#	78
28) bis(2-Chloroethoxy)methane	7.90	93	1113839	49.58	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	680929	48.70	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	726675	44.16	ng		97
31) Naphthalene	8.17	128	2347372	40.33	ng		96
32) Benzoic acid	7.89	122	45789	10.76	ng	#	83
33) 4-Chloroaniline	8.21	127	546079	25.30	ng	#	85
34) Hexachlorobutadiene	8.29	225	415825	44.94	ng		99
35) Caprolactam	8.60	113	216236m	54.15	ng		
36) 4-Chloro-3-methylphenol	8.70	107	689548	42.40	ng	#	81
37) 2-Methylnaphthalene	8.86	142	1563201	45.95	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	665374	39.19	ng		98
40) Hexachlorocyclopentadiene	9.01	237	765931	96.09	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	471143	44.75	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	447662	41.90	ng	#	90
45) 1,1'-Biphenyl	9.32	154	1770032	35.85	ng		90
46) 2-Chloronaphthalene	9.34	162	1467173	39.97	ng	#	88
47) 2-Nitroaniline	9.45	65	515283	42.30	ng	#	74
48) Acenaphthylene	9.77	152	2300818	41.08	ng		94
49) Dimethylphthalate	9.63	163	1985924	50.26	ng	#	96
50) 2,6-Dinitrotoluene	9.69	165	349379	41.12	ng	#	41
51) Acenaphthene	9.94	154	1556352	41.86	ng		89
52) 3-Nitroaniline	9.86	138	278022	28.47	ng	#	57
53) 2,4-Dinitrophenol	9.96	184	205197m	51.66	ng		
54) Dibenzofuran	10.11	168	1995152	44.30	ng	#	85
55) 4-Nitrophenol	10.03	139	541907	89.55	ng	#	45
56) 2,4-Dinitrotoluene	10.10	165	535084	51.53	ng	#	90
57) Fluorene	10.45	166	1599683	42.86	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	384557	45.86	ng		93
59) Diethylphthalate	10.33	149	1590581	38.81	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	720263	42.23	ng	#	86
61) 4-Nitroaniline	10.49	138	401623	40.60	ng	#	56
62) Azobenzene	10.60	77	1927681	40.17	ng		86
64) 4,6-Dinitro-2-methylphenol	10.51	198	275222	44.85	ng	#	72
65) n-Nitrosodiphenylamine	10.57	169	1393323	44.94	ng		89
66) 4-Bromophenyl-phenylether	10.93	248	442577	47.17	ng		99
67) Hexachlorobenzene	11.00	284	519921	46.96	ng	#	84
68) Atrazine	11.09	200	372665	43.54	ng		85
69) Pentachlorophenol	11.19	266	575677	81.70	ng		98
70) Phenanthrene	11.41	178	2116081m	42.89	ng		
71) Anthracene	11.46	178	2152072	39.34	ng		95
72) Carbazole	11.62	167	1989543	43.49	ng	#	92
73) Di-n-butylphthalate	11.95	149	2382036	40.15	ng	#	96
74) Fluoranthene	12.60	202	2119876	44.42	ng		89
76) Benzidine	12.73	184	754699	49.01	ng		97
77) Pyrene	12.83	202	2125626	43.89	ng	#	94
79) Butylbenzylphthalate	13.45	149	1057349	47.49	ng		91
80) Benzo(a)anthracene	14.02	228	1637152	43.14	ng		95
81) 3,3'-Dichlorobenzidine	13.98	252	393758	29.94	ng	#	93
82) Chrysene	14.05	228	1688753m	45.59	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1349530	42.37	ng	#	96
84) Di-n-octyl phthalate	14.61	149	2019735	41.78	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	1092466	33.81	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	1218720	44.10	ng	#	89
88) Benzo(k)fluoranthene	15.07	252	1251267m	45.06	ng		
89) Benzo(a)pyrene	15.40	252	1115479	43.02	ng	#	88
90) Dibenzo(a,h)anthracene	16.89	278	942695	37.87	ng	#	82
91) Benzo(g,h,i)perylene	17.29	276	866728	35.90	ng	#	85

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

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