Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091098.D
Acq On : 8 Nov 2016 22:39
Operator : UM/SJ
Sample : H5537-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Manual Integrations APPROVED
umangi
11/9/2016 10:56:53 AM

Quant Time: Nov 09 02:40:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	194490	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	815738	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	401233	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	578637	20.00	ng		0.01
75) Chrysene-d12	13.81	240	412019	20.00	ng		0.00
86) Perylene-d12	15.19	264	356116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1617372	137.34	ng		0.02
7) Phenol-d6	6.33	99	1978248	123.76	ng		0.01
23) Nitrobenzene-d5	7.24	82	1477242	98.79	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	540608	149.03	ng		0.01
44) 2-Fluorobiphenyl	9.04	172	2296235	98.53	ng		0.00
78) Terphenyl-d14	12.76	244	1569427	95.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	211006	31.32	ng		98
3) Pyridine	2.84	79	645519	40.96	ng		95
4) n-Nitrosodimethylamine	2.81	42	257973	41.38	ng		95
6) Aniline	6.33	93	487821	25.87	ng	#	82
8) 2-Chlorophenol	6.45	128	616208	43.87	ng		91
9) Benzaldehyde	6.21	77	70829	7.98	ng		88
10) Phenol	6.34	94	782024	44.21	ng	#	69
11) bis(2-Chloroethyl)ether	6.41	93	555836	37.29	ng		95
12) 1,3-Dichlorobenzene	6.60	146	615156	43.30	ng		97
13) 1,4-Dichlorobenzene	6.68	146	647293	42.46	ng		98
14) 1,2-Dichlorobenzene	6.83	146	566453	40.49	ng		96
15) Benzyl Alcohol	6.82	79	443224	39.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	814978	38.18	ng		88
17) 2-Methylphenol	6.94	107	498187	44.80	ng		96
18) Hexachloroethane	7.17	117	247910	42.02	ng		95
19) n-Nitroso-di-n-propylamine	7.09	70	453462	40.94	ng		98
20) 3+4-Methylphenols	7.10	107	660665	49.48	ng		96
22) Acetophenone	7.08	105	865792	46.10	ng	#	96
24) Nitrobenzene	7.25	77	637125	38.58	ng		92
25) Isophorone	7.49	82	1259697	43.72	ng		97
26) 2-Nitrophenol	7.57	139	339703	48.61	ng	#	80
27) 2,4-Dimethylphenol	7.63	122	556000	48.10	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	722049	45.87	ng		99
29) 2,4-Dichlorophenol	7.82	162	478700	47.45	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	496800	43.80	ng		97
31) Naphthalene	7.97	128	1665635	42.70	ng		99
32) Benzoic acid	7.74	122	95085	14.50	ng		98
33) 4-Chloroaniline	8.03	127	250699	15.45	ng	#	92
34) Hexachlorobutadiene	8.10	225	268134	43.80	ng		97
35) Caprolactam	8.41	113	151423m	47.78	ng		
36) 4-Chloro-3-methylphenol	8.53	107	505356	41.38	ng		89
37) 2-Methylnaphthalene	8.67	142	1065359	42.48	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	466933	45.64	ng		99
40) Hexachlorocyclopentadiene	8.82	237	273051	69.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	315863	47.83	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	350202	50.51	ng		98
45) 1,1'-Biphenyl	9.13	154	1209595	41.29	ng		99
46) 2-Chloronaphthalene	9.15	162	975519	43.86	ng		98
47) 2-Nitroaniline	9.25	65	340839	41.29	ng		87
48) Acenaphthylene	9.56	152	1377436	39.74	ng		99
49) Dimethylphthalate	9.44	163	1573285	59.80	ng		100
50) 2,6-Dinitrotoluene	9.50	165	291801	51.75	ng	#	67
51) Acenaphthene	9.73	154	876257	40.26	ng		99
52) 3-Nitroaniline	9.66	138	183167	27.39	ng		88
53) 2,4-Dinitrophenol	9.78	184	143929	49.46	ng	#	72
54) Dibenzofuran	9.90	168	1223611	41.77	ng		99
55) 4-Nitrophenol	9.86	139	331461	74.84	ng	#	79
56) 2,4-Dinitrotoluene	9.90	165	312161	43.51	ng	#	77
57) Fluorene	10.25	166	964391	40.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	226654m	41.73	ng		
59) Diethylphthalate	10.13	149	1112007	41.22	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	502945	46.15	ng		98
61) 4-Nitroaniline	10.28	138	242003	35.78	ng		91
62) Azobenzene	10.41	77	1385221	43.62	ng		99
64) 4,6-Dinitro-2-methylphenol	10.32	198	146909	41.46	ng	#	64
65) n-Nitrosodiphenylamine	10.36	169	906012	49.26	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	279963	46.52	ng		95
67) Hexachlorobenzene	10.80	284	331575	49.95	ng		98
68) Atrazine	10.90	200	243179	45.83	ng		96
69) Pentachlorophenol	11.00	266	269274	91.59	ng		98
70) Phenanthrene	11.21	178	1649714	53.63	ng		99
71) Anthracene	11.25	178	1391229	42.54	ng		99
72) Carbazole	11.41	167	1180348	40.05	ng		99
73) Di-n-butylphthalate	11.76	149	1819430	49.09	ng		99
74) Fluoranthene	12.39	202	1391150	43.61	ng		98
76) Benzidine	12.52	184	354609	38.52	ng		97
77) Pyrene	12.61	202	1439534	53.35	ng		100
79) Butylbenzylphthalate	13.24	149	640515	49.63	ng		92
80) Benzo(a)anthracene	13.80	228	1108042	47.37	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	251914	30.65	ng	#	97
82) Chrysene	13.84	228	1060522	45.98	ng		97
83) Bis(2-ethylhexyl)phthalate	13.80	149	795925	45.57	ng	#	98
84) Di-n-octyl phthalate	14.42	149	1352517	47.10	ng		97
85) Indeno(1,2,3-cd)pyrene	16.48	276	991474	51.80	ng		98
87) Benzo(b)fluoranthene	14.81	252	1125988m	46.62	ng		
88) Benzo(k)fluoranthene	14.83	252	941069m	44.42	ng		
89) Benzo(a)pyrene	15.13	252	1000751	47.59	ng	#	95
90) Dibenzo(a,h)anthracene	16.49	278	822091	45.23	ng		99
91) Benzo(g,h,i)perylene	16.87	276	771888	46.96	ng		95

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

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