Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091245.D
Acq On : 18 Nov 2016 20:51
Operator : UM/SJ
Sample : H5700-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 18 23:15:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MS

Manual Integrations APPROVED
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11/21/2016 3:39:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	161244m	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	655359	20.00	ng		-0.01
38) Acenaphthene-d10	9.65	164	351254	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	573306	20.00	ng		0.00
75) Chrysene-d12	13.76	240	416387	20.00	ng		-0.01
86) Perylene-d12	15.13	264	343807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1185393	121.41	ng		0.02
7) Phenol-d6	6.27	99	1425255	107.55	ng		0.00
23) Nitrobenzene-d5	7.18	82	825085	68.68	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	436441	137.44	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1556086	76.27	ng		0.00
78) Terphenyl-d14	12.72	244	1684430	100.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	147467	26.40	ng		98
3) Pyridine	2.76	79	403437	30.88	ng		95
4) n-Nitrosodimethylamine	2.72	42	194125	37.56	ng		88
6) Aniline	6.27	93	381049m	24.38	ng		
8) 2-Chlorophenol	6.40	128	408398	35.07	ng		88
9) Benzaldehyde	6.22	77	26311	3.58	ng		88
10) Phenol	6.29	94	525201m	35.81	ng		
11) bis(2-Chloroethyl)ether	6.36	93	400292	32.39	ng	#	80
12) 1,3-Dichlorobenzene	6.54	146	432530m	36.72	ng		
13) 1,4-Dichlorobenzene	6.62	146	441764m	34.96	ng		
14) 1,2-Dichlorobenzene	6.78	146	392522	33.84	ng	#	93
15) Benzyl Alcohol	6.77	79	310495m	33.22	ng		
16) 2,2'-oxybis(1-Chloropropan	6.90	45	372706	21.06	ng	#	15
17) 2-Methylphenol	6.90	107	319963	34.71	ng		97
18) Hexachloroethane	7.12	117	150292	30.73	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	281552m	30.66	ng		
20) 3+4-Methylphenols	7.06	107	424105	38.31	ng		94
22) Acetophenone	7.04	105	551788	36.57	ng	#	90
24) Nitrobenzene	7.21	77	421381	31.76	ng		89
25) Isophorone	7.45	82	758114	32.75	ng		95
26) 2-Nitrophenol	7.53	139	216850	38.62	ng	#	62
27) 2,4-Dimethylphenol	7.57	122	345733	37.23	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	487240	38.53	ng		100
29) 2,4-Dichlorophenol	7.78	162	319133	39.38	ng		90
30) 1,2,4-Trichlorobenzene	7.85	180	374244	41.07	ng		98
31) Naphthalene	7.92	128	1101048	35.13	ng		99
32) Benzoic acid	7.71	122	46996	10.88	ng	#	86
33) 4-Chloroaniline	7.98	127	302794	23.23	ng		99
34) Hexachlorobutadiene	8.04	225	216359	43.99	ng		99
35) Caprolactam	8.36	113	101704m	39.94	ng		
36) 4-Chloro-3-methylphenol	8.49	107	361230	36.82	ng		99
37) 2-Methylnaphthalene	8.61	142	760503	37.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	364003	40.65	ng	#	97
40) Hexachlorocyclopentadiene	8.76	237	192640	57.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	228647	39.55	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	237976	39.21	ng	#	91
45) 1,1'-Biphenyl	9.08	154	968955	37.78	ng		95
46) 2-Chloronaphthalene	9.10	162	752197	38.63	ng		93
47) 2-Nitroaniline	9.21	65	210933	29.19	ng		91
48) Acenaphthylene	9.50	152	1084973	35.75	ng		99
49) Dimethylphthalate	9.39	163	917273	39.82	ng		99
50) 2,6-Dinitrotoluene	9.45	165	181278	36.72	ng	#	84
51) Acenaphthene	9.69	154	662169	34.76	ng		99
52) 3-Nitroaniline	9.62	138	144681	24.72	ng		94
53) 2,4-Dinitrophenol	9.74	184	81349	34.15	ng		87
54) Dibenzofuran	9.86	168	987835	38.52	ng	#	89
55) 4-Nitrophenol	9.81	139	210250	55.80	ng	#	71
56) 2,4-Dinitrotoluene	9.86	165	247545	39.42	ng		93
57) Fluorene	10.20	166	775025	36.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	215186	45.25	ng	#	85
59) Diethylphthalate	10.09	149	854499	36.19	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	374878	39.29	ng	#	89
61) 4-Nitroaniline	10.24	138	162858	27.50	ng		96
62) Azobenzene	10.35	77	819507	29.48	ng		95
64) 4,6-Dinitro-2-methylphenol	10.27	198	100861	28.73	ng		95
65) n-Nitrosodiphenylamine	10.32	169	690385	37.89	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	249598	41.86	ng	#	67
67) Hexachlorobenzene	10.74	284	255949	38.92	ng		94
68) Atrazine	10.85	200	227476	43.27	ng		97
69) Pentachlorophenol	10.94	266	237291	81.46	ng		99
70) Phenanthrene	11.15	178	1101312	36.14	ng		100
71) Anthracene	11.21	178	1196786	36.94	ng		98
72) Carbazole	11.37	167	1066346	36.52	ng		98
73) Di-n-butylphthalate	11.70	149	1170355	31.87	ng		99
74) Fluoranthene	12.34	202	1182248	37.40	ng		87
76) Benzidine	12.47	184	419648	45.11	ng		98
77) Pyrene	12.56	202	1060309	38.88	ng		99
79) Butylbenzylphthalate	13.19	149	487417	37.37	ng		95
80) Benzo(a)anthracene	13.75	228	853393	36.10	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	265493	31.96	ng		99
82) Chrysene	13.78	228	841136	36.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	650407	36.85	ng	#	95
84) Di-n-octyl phthalate	14.36	149	987014	34.01	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.39	276	840867	43.47	ng		97
87) Benzo(b)fluoranthene	14.75	252	754853m	32.37	ng		
88) Benzo(k)fluoranthene	14.79	252	803230m	39.27	ng		
89) Benzo(a)pyrene	15.07	252	747947	36.84	ng		98
90) Dibenzo(a,h)anthracene	16.40	278	710883	40.51	ng		97
91) Benzo(g,h,i)perylene	16.76	276	651792	41.07	ng		97

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

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