Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090936.D
Acq On : 31 Oct 2016 18:55
Operator : UM/SJ
Sample : H5463-09MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 13:25:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Manual Integrations APPROVED
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11/1/2016 5:19:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	134047m	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	560267	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	291939	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	451764	20.00	ng		0.00
75) Chrysene-d12	13.91	240	399599	20.00	ng		0.00
86) Perylene-d12	15.30	264	249700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	935772	122.06	ng		0.01
7) Phenol-d6	6.40	99	1209757	116.96	ng		0.00
23) Nitrobenzene-d5	7.32	82	914530	106.86	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	356833	118.94	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1473149	88.61	ng		0.00
78) Terphenyl-d14	12.85	244	1317891	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	162552	41.47	ng		87
3) Pyridine	3.00	79	477339	44.89	ng	#	74
4) n-Nitrosodimethylamine	2.96	42	163472	54.61	ng	#	67
6) Aniline	6.41	93	220833m	18.69	ng		
8) 2-Chlorophenol	6.53	128	451099	47.70	ng		90
9) Benzaldehyde	6.29	77	48409m	9.06	ng		
10) Phenol	6.41	94	469501m	41.19	ng		
11) bis(2-Chloroethyl)ether	6.49	93	446785	47.37	ng		98
12) 1,3-Dichlorobenzene	6.69	146	418698m	43.28	ng		
13) 1,4-Dichlorobenzene	6.76	146	434423m	42.70	ng		
14) 1,2-Dichlorobenzene	6.92	146	453595	46.51	ng		95
15) Benzyl Alcohol	6.90	79	356707m	52.51	ng		
16) 2,2'-oxybis(1-Chloropropan	7.04	45	609303	64.92	ng		76
17) 2-Methylphenol	7.01	107	339684m	47.21	ng		
18) Hexachloroethane	7.26	117	173197m	46.78	ng		
19) n-Nitroso-di-n-propylamine	7.17	70	354475m	59.28	ng		
20) 3+4-Methylphenols	7.17	107	445046	53.43	ng	#	80
22) Acetophenone	7.16	105	588293	51.04	ng	#	85
24) Nitrobenzene	7.33	77	467886	51.69	ng	#	65
25) Isophorone	7.57	82	878746	50.59	ng	#	85
26) 2-Nitrophenol	7.65	139	227864	46.99	ng	#	59
27) 2,4-Dimethylphenol	7.70	122	379571	48.34	ng	#	78
28) bis(2-Chloroethoxy)methane	7.79	93	525846	53.24	ng	#	92
29) 2,4-Dichlorophenol	7.90	162	319773	43.99	ng		100
30) 1,2,4-Trichlorobenzene	7.98	180	351205	41.81	ng		99
31) Naphthalene	8.05	128	1180594	45.08	ng		98
32) Benzoic acid	7.70	122	379571	66.59	ng	#	32
33) 4-Chloroaniline	8.11	127	115825	10.95	ng	#	87
34) Hexachlorobutadiene	8.18	225	204756	41.45	ng		99
35) Caprolactam	8.48	113	104074m	46.12	ng		
36) 4-Chloro-3-methylphenol	8.60	107	377094	47.70	ng	#	77
37) 2-Methylnaphthalene	8.75	142	825233	48.79	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	334754	41.80	ng		99
40) Hexachlorocyclopentadiene	8.90	237	250301	67.93	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	218913	42.34	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	224387	42.14	ng	#	79
45) 1,1'-Biphenyl	9.22	154	938780	44.64	ng		96
46) 2-Chloronaphthalene	9.24	162	739811	46.25	ng		98
47) 2-Nitroaniline	9.33	65	250740	55.55	ng	#	62
48) Acenaphthylene	9.65	152	1168062	48.23	ng		97
49) Dimethylphthalate	9.52	163	1059243	54.31	ng	#	96
50) 2,6-Dinitrotoluene	9.58	165	197571	45.86	ng	#	93
51) Acenaphthene	9.82	154	724508	43.43	ng		89
52) 3-Nitroaniline	9.74	138	101708	22.18	ng	#	56
53) 2,4-Dinitrophenol	9.86	184	24085	10.62	ng	#	44
54) Dibenzofuran	10.00	168	1052565	48.90	ng	#	88
55) 4-Nitrophenol	9.93	139	261383	93.46	ng	#	78
56) 2,4-Dinitrotoluene	9.98	165	266727	49.84	ng	#	74
57) Fluorene	10.34	166	841287	47.71	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.12	232	172380	36.25	ng		94
59) Diethylphthalate	10.21	149	837147	43.21	ng		95
60) 4-Chlorophenyl-phenylether	10.33	204	359591	41.78	ng	#	80
61) 4-Nitroaniline	10.36	138	206947	45.56	ng	#	49
62) Azobenzene	10.49	77	1022736	53.68	ng		84
64) 4,6-Dinitro-2-methylphenol	10.40	198	60230	20.11	ng	#	73
65) n-Nitrosodiphenylamine	10.45	169	727025	52.54	ng		90
66) 4-Bromophenyl-phenylether	10.82	248	228325	46.15	ng		99
67) Hexachlorobenzene	10.89	284	257285	43.94	ng	#	80
68) Atrazine	10.98	200	193535	45.21	ng		84
69) Pentachlorophenol	11.08	266	188732	60.09	ng		98
70) Phenanthrene	11.29	178	1122722	48.80	ng		96
71) Anthracene	11.34	178	1197717	49.44	ng		97
72) Carbazole	11.50	167	1118134	52.27	ng		94
73) Di-n-butylphthalate	11.84	149	1234254	44.76	ng	#	97
74) Fluoranthene	12.48	202	1096527	43.52	ng		96
76) Benzidine	12.60	184	219146	25.12	ng		98
77) Pyrene	12.70	202	1118665	44.24	ng		96
79) Butylbenzylphthalate	13.33	149	577899	50.37	ng		94
80) Benzo(a)anthracene	13.89	228	984478	46.42	ng		96
81) 3,3'-Dichlorobenzidine	13.86	252	151760	18.43	ng	#	95
82) Chrysene	13.93	228	780606m	36.39	ng		
83) Bis(2-ethylhexyl)phthalate	13.89	149	741312	49.61	ng	#	93
84) Di-n-octyl phthalate	14.50	149	1097866	43.76	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.64	276	711584	37.43	ng	#	95
87) Benzo(b)fluoranthene	14.91	252	769456m	45.83	ng		
88) Benzo(k)fluoranthene	14.93	252	626099m	47.19	ng		
89) Benzo(a)pyrene	15.24	252	626927	43.46	ng	#	90
90) Dibenzo(a,h)anthracene	16.65	278	616086	50.44	ng	#	86
91) Benzo(g,h,i)perylene	17.04	276	590853	51.37	ng	#	84

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

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