Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087916.D
Acq On : 11 Jun 2016 22:01
Operator : UM/SJ
Sample : H3362-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0991MS

Manual Integrations APPROVED
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6/13/2016 7:44:27 PM

Quant Time: Jun 12 05:47:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150356	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	629484	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	326912	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	577063	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	358022	20.00	ng		-0.02
86) Perylene-d12	15.38	264	292325	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	467360	53.14	ng		-0.03
7) Phenol-d6	6.43	99	373034	35.00	ng		-0.05
23) Nitrobenzene-d5	7.37	82	829642	76.96	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	272084	78.82	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1338280	62.87	ng		-0.03
78) Terphenyl-d14	12.91	244	1274079	80.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	47274	11.06	ng	#	24
3) Pyridine	3.12	79	120477	11.94	ng		97
4) n-Nitrosodimethylamine	3.04	42	60395	14.13	ng		85
6) Aniline	6.46	93	347963	22.94	ng		92
8) 2-Chlorophenol	6.58	128	323360	31.06	ng		99
9) Benzaldehyde	6.34	77	34656	4.19	ng		95
10) Phenol	6.44	94	155840	12.36	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	349076	37.35	ng		95
12) 1,3-Dichlorobenzene	6.74	146	391322	35.04	ng		97
13) 1,4-Dichlorobenzene	6.82	146	408653	36.32	ng		98
14) 1,2-Dichlorobenzene	6.97	146	357801m	34.97	ng		
15) Benzyl Alcohol	6.95	79	204132	24.48	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	503032	39.84	ng		93
17) 2-Methylphenol	7.07	107	234452	27.77	ng		96
18) Hexachloroethane	7.31	117	139764	35.01	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	306684	44.98	ng	#	86
20) 3+4-Methylphenols	7.22	107	222078	22.55	ng	#	70
22) Acetophenone	7.22	105	547087	38.89	ng	#	94
24) Nitrobenzene	7.39	77	426704	40.86	ng		93
25) Isophorone	7.63	82	800206	40.08	ng		99
26) 2-Nitrophenol	7.71	139	240843	43.06	ng	#	73
27) 2,4-Dimethylphenol	7.75	122	352065	34.18	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	512692	41.40	ng	#	98
29) 2,4-Dichlorophenol	7.95	162	338782	39.40	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	336217	35.91	ng		98
31) Naphthalene	8.11	128	1094510	35.14	ng		100
32) Benzoic acid	7.84	122	69682	12.29	ng		95
33) 4-Chloroaniline	8.17	127	473253	34.02	ng	#	91
34) Hexachlorobutadiene	8.24	225	184165	37.30	ng		99
35) Caprolactam	8.55	113	17746	6.23	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	352316	38.31	ng		88
37) 2-Methylnaphthalene	8.81	142	827317	40.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	308997	33.32	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	314977	59.73	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	252632	38.64	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	227017	33.38	ng		98
45) 1,1'-Biphenyl	9.28	154	1000750	40.11	ng		96
46) 2-Chloronaphthalene	9.30	162	789636	37.33	ng		93
47) 2-Nitroaniline	9.39	65	237487	38.06	ng	#	85
48) Acenaphthylene	9.71	152	1171887	34.83	ng		99
49) Dimethylphthalate	9.59	163	986381	41.65	ng		99
50) 2,6-Dinitrotoluene	9.64	165	242755	44.76	ng		96
51) Acenaphthene	9.88	154	825109	39.31	ng		99
52) 3-Nitroaniline	9.80	138	185778	29.69	ng		95
53) 2,4-Dinitrophenol	9.92	184	250571	83.38	ng	#	70
54) Dibenzofuran	10.06	168	1016640	35.17	ng	#	91
55) 4-Nitrophenol	9.96	139	120846	24.88	ng		88
56) 2,4-Dinitrotoluene	10.04	165	306492	43.98	ng	#	85
57) Fluorene	10.40	166	784456	39.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	189416	35.44	ng	#	51
59) Diethylphthalate	10.27	149	898485	37.48	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	296296	30.82	ng		94
61) 4-Nitroaniline	10.42	138	214005	36.05	ng		100
62) Azobenzene	10.55	77	849662	35.84	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	162496	45.24	ng	#	51
65) n-Nitrosodiphenylamine	10.51	169	712111	37.19	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	226955	36.66	ng	#	90
67) Hexachlorobenzene	10.95	284	260073	40.43	ng	#	74
68) Atrazine	11.04	200	216466	37.33	ng		92
69) Pentachlorophenol	11.14	266	287368	84.75	ng		97
70) Phenanthrene	11.36	178	1220249	40.30	ng		99
71) Anthracene	11.40	178	1081560	35.41	ng		100
72) Carbazole	11.57	167	1198050	41.91	ng		99
73) Di-n-butylphthalate	11.90	149	1206077	33.33	ng		99
74) Fluoranthene	12.54	202	1130557	35.38	ng		98
76) Benzidine	12.66	184	418242	42.19	ng		99
77) Pyrene	12.77	202	1127581	42.44	ng		99
79) Butylbenzylphthalate	13.39	149	521256	44.38	ng		90
80) Benzo(a)anthracene	13.95	228	793517	38.89	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	210584	38.38	ng	#	97
82) Chrysene	14.00	228	885042	46.11	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	549437	38.43	ng		100
84) Di-n-octyl phthalate	14.57	149	1064208	45.80	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	758328	42.52	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	869476m	42.67	ng		
88) Benzo(k)fluoranthene	15.01	252	564666m	36.74	ng		
89) Benzo(a)pyrene	15.33	252	718716	43.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.78	278	616746	40.28	ng		97
91) Benzo(g,h,i)perylene	17.17	276	733229	46.56	ng		99

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

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