Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088665.D
Acq On : 3 Jul 2016 23:48
Operator : UM/SJ
Sample : H3817-08MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Manual Integrations
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7/5/2016 7:51:32 PM

Quant Time: Jul 04 06:46:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	120345	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	445561	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	217531	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	427387	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	273097	20.00	ng		-0.03
86) Perylene-d12	15.31	264	245020	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	889320	110.75	ng		-0.01
7) Phenol-d6	6.42	99	1192711	114.95	ng		-0.02
23) Nitrobenzene-d5	7.35	82	688107	80.93	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	244431	121.01	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	1055687	76.66	ng		-0.03
78) Terphenyl-d14	12.88	244	779615	63.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	127045	31.91	ng	#	35
3) Pyridine	3.07	79	180853	15.66	ng		94
4) n-Nitrosodimethylamine	3.02	42	88165	19.98	ng		84
6) Aniline	6.44	93	217860	14.41	ng		93
8) 2-Chlorophenol	6.57	128	213071	24.69	ng		93
9) Benzaldehyde	6.32	77	139739	19.88	ng	#	80
10) Phenol	6.43	94	229818	19.41	ng	#	64
11) bis(2-Chloroethyl)ether	6.52	93	202067	22.88	ng		89
12) 1,3-Dichlorobenzene	6.72	146	178596m	18.81	ng		
13) 1,4-Dichlorobenzene	6.80	146	188031	19.95	ng		95
14) 1,2-Dichlorobenzene	6.96	146	167415	18.97	ng		97
15) Benzyl Alcohol	6.92	79	174091	22.80	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242174	18.94	ng		91
17) 2-Methylphenol	7.04	107	149276	21.20	ng		97
18) Hexachloroethane	7.30	117	64634	17.73	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	131964	18.93	ng		94
20) 3+4-Methylphenols	7.20	107	204625	24.22	ng	#	84
22) Acetophenone	7.20	105	273241	25.27	ng	#	90
24) Nitrobenzene	7.37	77	218806	25.52	ng		95
25) Isophorone	7.61	82	395416	25.11	ng		99
26) 2-Nitrophenol	7.68	139	87242	24.82	ng		90
27) 2,4-Dimethylphenol	7.72	122	168576	23.02	ng		90
28) bis(2-Chloroethoxy)methane	7.83	93	249436	24.34	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	152036	25.69	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	139597	21.50	ng		100
31) Naphthalene	8.09	128	520505	23.70	ng		99
32) Benzoic acid	7.80	122	37623	7.08	ng		92
33) 4-Chloroaniline	8.14	127	136628	13.98	ng		96
34) Hexachlorobutadiene	8.22	225	68555	19.72	ng		98
35) Caprolactam	8.52	113	50641m	25.20	ng		
36) 4-Chloro-3-methylphenol	8.62	107	177099	25.31	ng		89
37) 2-Methylnaphthalene	8.78	142	318819	22.54	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	132077	18.25	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	162586	45.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	115963	24.31	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	119951	29.23	ng	#	95
45) 1,1'-Biphenyl	9.24	154	408470	22.68	ng		99
46) 2-Chloronaphthalene	9.27	162	326338	23.08	ng		98
47) 2-Nitroaniline	9.36	65	120247	23.96	ng		98
48) Acenaphthylene	9.68	152	512115	22.76	ng		100
49) Dimethylphthalate	9.55	163	555216	35.83	ng		97
50) 2,6-Dinitrotoluene	9.60	165	89260	25.99	ng	#	38
51) Acenaphthene	9.85	154	334846	24.28	ng		99
52) 3-Nitroaniline	9.77	138	84844	19.43	ng		94
53) 2,4-Dinitrophenol	9.87	184	71842	47.37	ng		91
54) Dibenzofuran	10.02	168	440359	24.39	ng	#	90
55) 4-Nitrophenol	9.93	139	249837	75.30	ng		96
56) 2,4-Dinitrotoluene	10.00	165	118509	26.39	ng	#	39
57) Fluorene	10.36	166	340724	24.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	87287	27.49	ng	#	51
59) Diethylphthalate	10.25	149	415839	26.74	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	140800	21.78	ng	#	88
61) 4-Nitroaniline	10.38	138	88779	21.13	ng		84
62) Azobenzene	10.51	77	425032	23.96	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	56157	24.57	ng	#	70
65) n-Nitrosodiphenylamine	10.48	169	343272	23.73	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	85020	19.74	ng	#	81
67) Hexachlorobenzene	10.91	284	94240	19.77	ng	#	77
68) Atrazine	11.00	200	106171	23.56	ng		93
69) Pentachlorophenol	11.11	266	185836	65.86	ng		98
70) Phenanthrene	11.33	178	480199	20.55	ng		98
71) Anthracene	11.37	178	487548	20.99	ng		99
72) Carbazole	11.52	167	496960	22.73	ng		98
73) Di-n-butylphthalate	11.86	149	502155	19.74	ng		99
74) Fluoranthene	12.50	202	438869	18.53	ng		97
76) Benzidine	12.63	184	304677	22.07	ng		98
77) Pyrene	12.73	202	421707	18.21	ng		98
79) Butylbenzylphthalate	13.36	149	189186	18.32	ng		95
80) Benzo(a)anthracene	13.91	228	320222	18.21	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	98452	14.89	ng	#	96
82) Chrysene	13.94	228	281520	16.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	254633	21.59	ng		100
84) Di-n-octyl phthalate	14.53	149	424119	21.17	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	232591	17.38	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	315879m	20.55	ng		
88) Benzo(k)fluoranthene	14.95	252	173738m	12.98	ng		
89) Benzo(a)pyrene	15.25	252	222825	17.12	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	197990	18.22	ng		99
91) Benzo(g,h,i)perylene	17.04	276	189951	16.89	ng		94

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

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