Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088714.D
Acq On : 5 Jul 2016 20:40
Operator : UM/SJ
Sample : H3808-25MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Quant Time: Jul 06 02:06:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

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7/6/2016 7:19:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110226	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	431499	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	209868	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	398163	20.00	ng		0.00
75) Chrysene-d12	13.91	240	268572	20.00	ng		-0.01
86) Perylene-d12	15.29	264	208638	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	750137	101.99	ng		0.01
7) Phenol-d6	6.41	99	941756	99.10	ng		0.00
23) Nitrobenzene-d5	7.34	82	588608	71.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	204177	104.77	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1132467	85.24	ng		0.00
78) Terphenyl-d14	12.87	244	824020	68.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	90410	24.79	ng	#	33
3) Pyridine	3.07	79	121083	11.44	ng		90
4) n-Nitrosodimethylamine	3.00	42	59736	14.78	ng		93
6) Aniline	6.43	93	151356	10.93	ng	#	83
8) 2-Chlorophenol	6.56	128	154915	19.60	ng		95
9) Benzaldehyde	6.32	77	96573	15.00	ng		98
10) Phenol	6.42	94	138655	12.78	ng	#	46
11) bis(2-Chloroethyl)ether	6.51	93	143021	17.68	ng		91
12) 1,3-Dichlorobenzene	6.72	146	144734m	16.64	ng		
13) 1,4-Dichlorobenzene	6.79	146	142486	16.50	ng		94
14) 1,2-Dichlorobenzene	6.95	146	147609m	18.27	ng		
15) Benzyl Alcohol	6.91	79	131735	18.83	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	179865	15.36	ng		90
17) 2-Methylphenol	7.04	107	123404	19.14	ng		96
18) Hexachloroethane	7.29	117	60021	17.97	ng		93
19) n-Nitroso-di-n-propylamine	7.19	70	105527	16.53	ng		93
20) 3+4-Methylphenols	7.19	107	152924	19.76	ng	#	83
22) Acetophenone	7.19	105	217234	20.74	ng	#	90
24) Nitrobenzene	7.36	77	176577	21.27	ng		92
25) Isophorone	7.60	82	312502	20.49	ng		98
26) 2-Nitrophenol	7.68	139	77081	22.64	ng	#	80
27) 2,4-Dimethylphenol	7.71	122	114048	16.08	ng		88
28) bis(2-Chloroethoxy)methane	7.82	93	204997	20.65	ng	#	95
29) 2,4-Dichlorophenol	7.92	162	127174	22.19	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	123077	19.57	ng		99
31) Naphthalene	8.08	128	426708	20.06	ng		99
33) 4-Chloroaniline	8.12	127	122624	12.96	ng		94
34) Hexachlorobutadiene	8.20	225	69167	20.54	ng		99
35) Caprolactam	8.51	113	29587m	15.20	ng		
36) 4-Chloro-3-methylphenol	8.62	107	137778	20.33	ng		92
37) 2-Methylnaphthalene	8.78	142	286005	20.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	113951	16.32	ng	#	1
40) Hexachlorocyclopentadiene	8.92	237	154906	45.21	ng		99
42) 2,4,6-Trichlorophenol	9.05	196	87581	19.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	80998	20.46	ng	#	90
45) 1,1'-Biphenyl	9.23	154	349882	20.13	ng		99
46) 2-Chloronaphthalene	9.26	162	268560	19.68	ng		98
47) 2-Nitroaniline	9.35	65	85522	17.66	ng		95
48) Acenaphthylene	9.67	152	423850	19.53	ng		100
49) Dimethylphthalate	9.54	163	503736	33.69	ng		99
50) 2,6-Dinitrotoluene	9.60	165	72734	21.95	ng		96
51) Acenaphthene	9.84	154	249311	18.74	ng		98
52) 3-Nitroaniline	9.76	138	70888	16.83	ng		99
53) 2,4-Dinitrophenol	9.86	184	8702	5.95	ng		95
54) Dibenzofuran	10.01	168	368593	21.16	ng	#	88
55) 4-Nitrophenol	9.93	139	175476	54.82	ng	#	74
56) 2,4-Dinitrotoluene	10.00	165	92326	21.31	ng		98
57) Fluorene	10.35	166	299940	22.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	58237	19.01	ng	#	50
59) Diethylphthalate	10.24	149	328829	21.91	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	132896	21.31	ng		91
61) 4-Nitroaniline	10.36	138	66675	16.45	ng		85
62) Azobenzene	10.51	77	362436	21.18	ng		90
64) 4,6-Dinitro-2-methylphenol	10.40	198	15133	7.11	ng		84
65) n-Nitrosodiphenylamine	10.47	169	266764	19.80	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	76639	19.10	ng	#	74
67) Hexachlorobenzene	10.90	284	89951	20.25	ng	#	84
68) Atrazine	10.99	200	79661	18.97	ng		92
69) Pentachlorophenol	11.10	266	76486	29.10	ng		98
70) Phenanthrene	11.31	178	431992	19.85	ng		98
71) Anthracene	11.36	178	422818	19.54	ng		99
72) Carbazole	11.52	167	386411	18.97	ng		97
73) Di-n-butylphthalate	11.85	149	460936	19.45	ng		98
74) Fluoranthene	12.49	202	439593	19.92	ng		98
76) Benzidine	12.62	184	124577	9.18	ng		97
77) Pyrene	12.72	202	443628	19.48	ng		98
79) Butylbenzylphthalate	13.35	149	282657	27.83	ng		99
80) Benzo(a)anthracene	13.90	228	332723	19.24	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	79522	12.23	ng	#	95
82) Chrysene	13.93	228	300996	17.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	397892	34.31	ng	#	99
84) Di-n-octyl phthalate	14.51	149	392594	19.93	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	240521	18.27	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	242581m	18.53	ng		
88) Benzo(k)fluoranthene	14.94	252	257345m	22.59	ng		
89) Benzo(a)pyrene	15.23	252	224427	20.25	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	198260	21.43	ng		97
91) Benzo(g,h,i)perylene	17.02	276	205232	21.43	ng		99

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

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