Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088650.D
Acq On : 3 Jul 2016 15:33
Operator : UM/SJ
Sample : H3837-08MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C1.2-6MS

Manual Integrations APPROVED
umangi
7/5/2016 7:51:54 PM

Quant Time: Jul 04 05:51:58 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	112706	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	448308	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	213497	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	416776	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	301380	20.00	ng		-0.03
86) Perylene-d12	15.31	264	279891	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	776693	103.28	ng		-0.02
7) Phenol-d6	6.42	99	946994	97.46	ng		-0.02
23) Nitrobenzene-d5	7.35	82	640760	74.90	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	223110	112.54	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1181974	87.45	ng		-0.02
78) Terphenyl-d14	12.88	244	945724	69.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	92471	24.80	ng	#	28
3) Pyridine	3.10	79	29673	2.74	ng		95
4) n-Nitrosodimethylamine	3.00	42	63010	15.24	ng		91
6) Aniline	6.44	93	108946	7.69	ng		98
8) 2-Chlorophenol	6.57	128	154184	19.08	ng		90
9) Benzaldehyde	6.32	77	96616	14.68	ng	#	78
10) Phenol	6.43	94	203601	18.36	ng		80
11) bis(2-Chloroethyl)ether	6.52	93	156922	18.97	ng		87
12) 1,3-Dichlorobenzene	6.72	146	143537	16.14	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	146886	16.64	ng		96
14) 1,2-Dichlorobenzene	6.96	146	144263	17.46	ng		97
15) Benzyl Alcohol	6.92	79	139090	19.45	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	200569	16.75	ng		91
17) 2-Methylphenol	7.04	107	122770	18.62	ng		97
18) Hexachloroethane	7.30	117	58569	17.15	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	108223	16.58	ng		93
20) 3+4-Methylphenols	7.20	107	163307	20.64	ng		91
22) Acetophenone	7.19	105	213175	19.59	ng	#	87
24) Nitrobenzene	7.37	77	167034	19.37	ng		97
25) Isophorone	7.61	82	306848	19.36	ng		98
26) 2-Nitrophenol	7.68	139	69598	19.68	ng		91
27) 2,4-Dimethylphenol	7.72	122	124414	16.89	ng		91
28) bis(2-Chloroethoxy)methane	7.83	93	193022	18.72	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	121562	20.42	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	123384	18.88	ng		99
31) Naphthalene	8.09	128	449296	20.33	ng		99
33) 4-Chloroaniline	8.14	127	103154	10.49	ng		97
34) Hexachlorobutadiene	8.22	225	69947	19.99	ng		100
35) Caprolactam	8.52	113	36290m	17.95	ng		
36) 4-Chloro-3-methylphenol	8.62	107	130314	18.51	ng		89
37) 2-Methylnaphthalene	8.78	142	268292	18.85	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	118251	16.65	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	182168	52.27	ng		99
42) 2,4,6-Trichlorophenol	9.06	196	85469	18.26	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	90055	22.36	ng	#	93
45) 1,1'-Biphenyl	9.24	154	363001	20.53	ng		99
46) 2-Chloronaphthalene	9.27	162	283046	20.39	ng		98
47) 2-Nitroaniline	9.36	65	95480	19.39	ng		97
48) Acenaphthylene	9.68	152	446013	20.20	ng		99
49) Dimethylphthalate	9.54	163	563723	37.06	ng		99
50) 2,6-Dinitrotoluene	9.60	165	67836	20.12	ng	#	37
51) Acenaphthene	9.85	154	292689	21.62	ng		99
52) 3-Nitroaniline	9.77	138	69652	16.25	ng		87
53) 2,4-Dinitrophenol	9.87	184	64052	43.03	ng		93
54) Dibenzofuran	10.02	168	387149	21.85	ng	#	90
55) 4-Nitrophenol	9.93	139	158899	48.79	ng		94
56) 2,4-Dinitrotoluene	10.00	165	87246	19.79	ng	#	39
57) Fluorene	10.36	166	305095	22.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	65652	21.07	ng	#	50
59) Diethylphthalate	10.25	149	344936	22.60	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	129216	20.37	ng		89
61) 4-Nitroaniline	10.38	138	72166	17.50	ng		89
62) Azobenzene	10.52	77	373631	21.46	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	41873	18.78	ng	#	69
65) n-Nitrosodiphenylamine	10.48	169	277830	19.70	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	79415	18.91	ng	#	79
67) Hexachlorobenzene	10.91	284	89924	19.34	ng	#	80
68) Atrazine	11.00	200	85878	19.54	ng		91
69) Pentachlorophenol	11.11	266	137695	50.04	ng		98
70) Phenanthrene	11.32	178	458889	20.14	ng		98
71) Anthracene	11.37	178	461598	20.38	ng		99
72) Carbazole	11.52	167	400697	18.79	ng		99
73) Di-n-butylphthalate	11.86	149	485962	19.59	ng		99
74) Fluoranthene	12.50	202	458572	19.85	ng		99
76) Benzidine	12.63	184	58822	3.86	ng		98
77) Pyrene	12.73	202	472822	18.50	ng		98
79) Butylbenzylphthalate	13.36	149	210744	18.49	ng		95
80) Benzo(a)anthracene	13.91	228	366332	18.88	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	81926	11.23	ng	#	95
82) Chrysene	13.94	228	359209	18.71	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	287520	22.09	ng		99
84) Di-n-octyl phthalate	14.53	149	476940	21.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	279686	18.93	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	353806m	20.15	ng		
88) Benzo(k)fluoranthene	14.95	252	272958m	17.86	ng		
89) Benzo(a)pyrene	15.26	252	295862	19.90	ng	#	96
90) Dibenzo(a,h)anthracene	16.66	278	233656	18.82	ng		97
91) Benzo(g,h,i)perylene	17.04	276	230396	17.94	ng		97

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

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