Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085209.D
Acq On : 4 Mar 2016 18:18
Operator : SJ/IZ
Sample : PB88700BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88700BS

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:41 PM

Quant Time: Mar 07 10:33:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177811	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	708020	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	327753	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	609601	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	452584	20.00	ng		-0.01
86) Perylene-d12	15.60	264	316912	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1194937	112.73	ng		0.01
7) Phenol-d6	6.60	99	1507116	108.52	ng		-0.01
23) Nitrobenzene-d5	7.53	82	978584	73.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	343084	122.34	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1762639	81.79	ng		-0.01
78) Terphenyl-d14	13.09	244	1583842	81.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	158661	29.27	ng		99
3) Pyridine	3.52	79	461531	34.02	ng		98
4) n-Nitrosodimethylamine	3.46	42	199150	34.30	ng		95
6) Aniline	6.63	93	389083	19.99	ng		100
8) 2-Chlorophenol	6.76	128	457917	35.88	ng		97
9) Benzaldehyde	6.52	77	154171	20.42	ng		99
10) Phenol	6.61	94	478725m	32.18	ng		
11) bis(2-Chloroethyl)ether	6.71	93	462192	37.41	ng		96
12) 1,3-Dichlorobenzene	6.92	146	504149	36.80	ng		99
13) 1,4-Dichlorobenzene	6.98	146	474118	34.53	ng		99
14) 1,2-Dichlorobenzene	7.14	146	480656	38.58	ng		99
15) Benzyl Alcohol	7.11	79	397327	38.97	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	583667	32.78	ng		100
17) 2-Methylphenol	7.22	107	420910	40.42	ng		99
18) Hexachloroethane	7.49	117	185439	36.61	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	307611	33.98	ng	#	91
20) 3+4-Methylphenols	7.37	107	454310	36.83	ng		97
22) Acetophenone	7.38	105	628711	36.38	ng	#	95
24) Nitrobenzene	7.56	77	534848	39.79	ng		94
25) Isophorone	7.80	82	907296	37.00	ng		99
26) 2-Nitrophenol	7.88	139	260710	39.86	ng		96
27) 2,4-Dimethylphenol	7.91	122	486574	40.70	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	530851	38.87	ng		99
29) 2,4-Dichlorophenol	8.12	162	388404	40.29	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	392492	37.66	ng		100
31) Naphthalene	8.28	128	1275371	36.63	ng		99
32) Benzoic acid	8.01	122	224708	28.30	ng		98
33) 4-Chloroaniline	8.32	127	151888	10.79	ng		95
34) Hexachlorobutadiene	8.40	225	212456	39.17	ng		99
35) Caprolactam	8.70	113	133473m	42.39	ng		
36) 4-Chloro-3-methylphenol	8.80	107	407790	37.29	ng		97
37) 2-Methylnaphthalene	8.97	142	917693	41.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	342396	36.53	ng		99
40) Hexachlorocyclopentadiene	9.13	237	409883	81.08	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	290633	41.65	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	253764	38.36	ng	#	86
45) 1,1'-Biphenyl	9.43	154	1002554	35.80	ng		99
46) 2-Chloronaphthalene	9.46	162	832216	38.99	ng		97
47) 2-Nitroaniline	9.56	65	275418	41.64	ng	#	75
48) Acenaphthylene	9.88	152	1218053	36.67	ng		99
49) Dimethylphthalate	9.74	163	1000721	39.78	ng		100
50) 2,6-Dinitrotoluene	9.80	165	211199	39.24	ng		98
51) Acenaphthene	10.05	154	818152	40.56	ng		99
52) 3-Nitroaniline	9.96	138	107546	16.70	ng	#	71
53) 2,4-Dinitrophenol	10.07	184	205916	75.86	ng	#	48
54) Dibenzofuran	10.22	168	1040730	39.38	ng		99
55) 4-Nitrophenol	10.13	139	383025	75.70	ng		86
56) 2,4-Dinitrotoluene	10.20	165	265257	38.51	ng		90
57) Fluorene	10.56	166	786972	37.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	194319	41.81	ng		99
59) Diethylphthalate	10.44	149	935613	38.33	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	372004	36.83	ng		92
61) 4-Nitroaniline	10.58	138	225892	37.51	ng		79
62) Azobenzene	10.71	77	975701	40.57	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	144251	39.52	ng		80
65) n-Nitrosodiphenylamine	10.68	169	792943	41.82	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	221441	37.41	ng	#	86
67) Hexachlorobenzene	11.11	284	236319	37.42	ng	#	81
68) Atrazine	11.20	200	266065	50.46	ng		94
69) Pentachlorophenol	11.30	266	290183	82.79	ng		99
70) Phenanthrene	11.52	178	1185872	37.12	ng		99
71) Anthracene	11.58	178	1311435	38.67	ng		99
72) Carbazole	11.73	167	1049468	35.29	ng		99
73) Di-n-butylphthalate	12.06	149	1438131	38.26	ng		99
74) Fluoranthene	12.71	202	1150079	35.87	ng		97
76) Benzidine	12.82	184	380670	28.26	ng		99
77) Pyrene	12.94	202	1158622	34.01	ng		99
79) Butylbenzylphthalate	13.56	149	586431	37.94	ng	#	81
80) Benzo(a)anthracene	14.13	228	995469	36.74	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	133222	15.59	ng		99
82) Chrysene	14.16	228	739236	29.54	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	741667	36.46	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1083116	34.96	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	718130	36.77	ng		99
87) Benzo(b)fluoranthene	15.18	252	797365	37.75	ng	#	96
88) Benzo(k)fluoranthene	15.20	252	657609m	38.60	ng		
89) Benzo(a)pyrene	15.55	252	676343	38.64	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	608381	40.72	ng		98
91) Benzo(g,h,i)perylene	17.53	276	609911	40.59	ng		98

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

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