Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085396.D
Acq On : 12 Mar 2016 3:52
Operator : UM/SJ
Sample : PB88821BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88821BS

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:50 AM

Quant Time: Mar 14 02:23:25 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	6.94	152	147483	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	562186	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	179944	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	307645	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	249109	20.00	ng		-0.05
86) Perylene-d12	15.57	264	254136	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	977624	111.19	ng		-0.03
7) Phenol-d6	6.57	99	1399037	121.45	ng		-0.03
23) Nitrobenzene-d5	7.50	82	831923	79.19	ng		-0.05
41) 2,4,6-Tribromophenol	10.78	330	217672	141.37	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1349973	114.10	ng		-0.05
78) Terphenyl-d14	13.05	244	787582	73.39	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	121730	27.07	ng		97
3) Pyridine	3.42	79	359611	31.96	ng		95
4) n-Nitrosodimethylamine	3.35	42	157069	32.61	ng		95
6) Aniline	6.60	93	490998	30.41	ng		97
8) 2-Chlorophenol	6.72	128	431315	40.75	ng		96
9) Benzaldehyde	6.48	77	101195	15.27	ng		92
10) Phenol	6.58	94	505820m	41.00	ng		
11) bis(2-Chloroethyl)ether	6.68	93	411485m	40.16	ng		
12) 1,3-Dichlorobenzene	6.88	146	425735	37.46	ng		97
13) 1,4-Dichlorobenzene	6.95	146	413655	36.32	ng		99
14) 1,2-Dichlorobenzene	7.11	146	429552	41.57	ng		98
15) Benzyl Alcohol	7.08	79	337380	39.90	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	481475	32.60	ng		99
17) 2-Methylphenol	7.19	107	349531	40.47	ng		98
18) Hexachloroethane	7.45	117	158911	37.82	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	253954	33.82	ng	#	91
20) 3+4-Methylphenols	7.34	107	394571	38.57	ng		92
22) Acetophenone	7.35	105	533002	38.84	ng	#	97
24) Nitrobenzene	7.52	77	456452	42.77	ng		96
25) Isophorone	7.76	82	781058	40.12	ng		98
26) 2-Nitrophenol	7.84	139	222488	42.84	ng		95
27) 2,4-Dimethylphenol	7.88	122	402535	42.41	ng		96
28) bis(2-Chloroethoxy)methane	7.97	93	455057	41.97	ng		100
29) 2,4-Dichlorophenol	8.08	162	338606	44.24	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	330190	39.90	ng		100
31) Naphthalene	8.24	128	1078844	39.03	ng		99
32) Benzoic acid	7.99	122	234925	37.26	ng		98
33) 4-Chloroaniline	8.29	127	257032	22.99	ng		99
34) Hexachlorobutadiene	8.37	225	180784	41.98	ng		98
35) Caprolactam	8.66	113	110475m	44.19	ng		
36) 4-Chloro-3-methylphenol	8.78	107	361464	41.62	ng		87
37) 2-Methylnaphthalene	8.94	142	758263	42.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	293882	57.11	ng		97
40) Hexachlorocyclopentadiene	9.09	237	194443	70.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	207190	54.09	ng		97
43) 2,4,5-Trichlorophenol	9.26	196	216224	59.53	ng	#	93
45) 1,1'-Biphenyl	9.41	154	782631	50.91	ng		93
46) 2-Chloronaphthalene	9.43	162	587650	50.15	ng		98
47) 2-Nitroaniline	9.52	65	154999	42.68	ng	#	83
48) Acenaphthylene	9.84	152	731792	40.12	ng		98
49) Dimethylphthalate	9.70	163	611476	44.27	ng		100
50) 2,6-Dinitrotoluene	9.76	165	116273	39.35	ng		93
51) Acenaphthene	10.01	154	471836	42.61	ng		98
52) 3-Nitroaniline	9.93	138	108902	30.81	ng		99
53) 2,4-Dinitrophenol	10.04	184	84900	58.97	ng	#	53
54) Dibenzofuran	10.18	168	612558	42.22	ng		99
55) 4-Nitrophenol	10.09	139	201386	72.49	ng	#	81
56) 2,4-Dinitrotoluene	10.17	165	163645	43.28	ng	#	61
57) Fluorene	10.53	166	471763	41.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	119946	47.01	ng		92
59) Diethylphthalate	10.40	149	565548	42.20	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	236054	42.57	ng		88
61) 4-Nitroaniline	10.55	138	124778	37.74	ng		79
62) Azobenzene	10.68	77	540466	40.93	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	61784	33.54	ng		76
65) n-Nitrosodiphenylamine	10.64	169	467660	48.87	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	137011	45.87	ng	#	85
67) Hexachlorobenzene	11.08	284	136070	42.70	ng	#	80
68) Atrazine	11.17	200	156859	58.94	ng		96
69) Pentachlorophenol	11.27	266	154236	87.19	ng		100
70) Phenanthrene	11.49	178	674925	41.86	ng		98
71) Anthracene	11.54	178	734232	42.90	ng		98
72) Carbazole	11.69	167	557806	37.17	ng		98
73) Di-n-butylphthalate	12.02	149	794936	41.90	ng		99
74) Fluoranthene	12.68	202	562189	34.75	ng		97
76) Benzidine	12.80	184	396751	53.51	ng		99
77) Pyrene	12.90	202	579121	30.89	ng		97
79) Butylbenzylphthalate	13.52	149	262499	30.86	ng		94
80) Benzo(a)anthracene	14.09	228	591136	39.64	ng		98
81) 3,3'-Dichlorobenzidine	14.06	252	175181	37.24	ng	#	96
82) Chrysene	14.14	228	558939	40.57	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	459065	41.00	ng		99
84) Di-n-octyl phthalate	14.70	149	828887	48.61	ng		97
85) Indeno(1,2,3-cd)pyrene	17.03	276	602421	56.03	ng		98
87) Benzo(b)fluoranthene	15.15	252	593065	35.01	ng		98
88) Benzo(k)fluoranthene	15.18	252	609953m	44.64	ng		
89) Benzo(a)pyrene	15.51	252	604220	43.04	ng	#	97
90) Dibenzo(a,h)anthracene	17.05	278	514905	42.97	ng		96
91) Benzo(g,h,i)perylene	17.48	276	478933	39.75	ng		98

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

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