Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084814.D
Acq On : 4 Feb 2016 5:04
Operator : SJ/IZ
Sample : H1312-08MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MS

Manual Integrations APPROVED
mohammad
2/4/2016 2:05:22 PM

Quant Time: Feb 04 06:22:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	172273	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	712280	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	342293	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	609140	20.00	ng		0.00
75) Chrysene-d12	13.84	240	390418	20.00	ng		0.00
86) Perylene-d12	15.21	264	341298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1618339	146.32	ng		0.01
7) Phenol-d6	6.35	99	1909101	139.23	ng		0.01
23) Nitrobenzene-d5	7.26	82	1202724	95.12	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	482347	135.10	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1834939	93.36	ng		0.00
78) Terphenyl-d14	12.80	244	1650780	95.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	199180	41.11	ng	#	76
3) Pyridine	2.91	79	635955	50.38	ng	#	69
4) n-Nitrosodimethylamine	2.88	42	332711	50.96	ng		81
6) Aniline	6.35	93	639484	38.11	ng	#	72
8) 2-Chlorophenol	6.48	128	592599	47.33	ng		92
9) Benzaldehyde	6.22	77	231545	28.60	ng		94
10) Phenol	6.36	94	861163	56.06	ng		97
11) bis(2-Chloroethyl)ether	6.43	93	578168m	48.27	ng		
12) 1,3-Dichlorobenzene	6.62	146	595686m	45.04	ng		
13) 1,4-Dichlorobenzene	6.70	146	608862	46.05	ng		96
14) 1,2-Dichlorobenzene	6.86	146	556732	45.21	ng		94
15) Benzyl Alcohol	6.84	79	484699	51.19	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	871302	43.24	ng		91
17) 2-Methylphenol	6.97	107	494271	49.92	ng	#	91
18) Hexachloroethane	7.20	117	232953	45.75	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	418932	48.74	ng	#	74
20) 3+4-Methylphenols	7.13	107	633847	51.58	ng		90
22) Acetophenone	7.10	105	887354	47.27	ng		99
24) Nitrobenzene	7.28	77	603935	44.60	ng		94
25) Isophorone	7.53	82	1173569	47.73	ng		97
26) 2-Nitrophenol	7.60	139	322071	48.23	ng	#	85
27) 2,4-Dimethylphenol	7.65	122	605683	52.14	ng		90
28) bis(2-Chloroethoxy)methane	7.74	93	760294	52.12	ng		98
29) 2,4-Dichlorophenol	7.85	162	523142	52.64	ng		94
30) 1,2,4-Trichlorobenzene	7.92	180	512672	45.67	ng		97
31) Naphthalene	8.00	128	1578577	44.18	ng		99
32) Benzoic acid	7.73	122	23461	3.16	ng		95
33) 4-Chloroaniline	8.05	127	393340	26.62	ng		97
34) Hexachlorobutadiene	8.12	225	314084	48.52	ng		100
35) Caprolactam	8.44	113	156993m	51.25	ng		
36) 4-Chloro-3-methylphenol	8.56	107	576096	50.81	ng		99
37) 2-Methylnaphthalene	8.69	142	1193030	53.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	456079	41.95	ng		99
40) Hexachlorocyclopentadiene	8.84	237	395209	81.66	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	365142	52.14	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	335659	47.17	ng		97
45) 1,1'-Biphenyl	9.16	154	1391078	45.50	ng		96
46) 2-Chloronaphthalene	9.17	162	1018295	45.23	ng		96
47) 2-Nitroaniline	9.29	65	350597	49.18	ng	#	58
48) Acenaphthylene	9.60	152	1602745	46.91	ng		99
49) Dimethylphthalate	9.47	163	1440026	55.24	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	247663	43.49	ng	#	58
51) Acenaphthene	9.77	154	1010160	45.44	ng		98
52) 3-Nitroaniline	9.70	138	197160	30.81	ng	#	62
53) 2,4-Dinitrophenol	9.80	184	73463	31.72	ng		91
54) Dibenzofuran	9.94	168	1428497	52.58	ng		99
55) 4-Nitrophenol	9.88	139	430693	91.57	ng		89
56) 2,4-Dinitrotoluene	9.93	165	300388	41.35	ng	#	72
57) Fluorene	10.28	166	1050093	46.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	278719	51.45	ng		88
59) Diethylphthalate	10.17	149	1187769	46.66	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	447944	47.38	ng		93
61) 4-Nitroaniline	10.32	138	280085	44.91	ng	#	75
62) Azobenzene	10.43	77	1237641	50.56	ng		91
64) 4,6-Dinitro-2-methylphenol	10.34	198	148743	39.56	ng		96
65) n-Nitrosodiphenylamine	10.40	169	959486	49.61	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	342158	50.86	ng		94
67) Hexachlorobenzene	10.82	284	315888	43.09	ng	#	84
68) Atrazine	10.93	200	330938	54.18	ng		94
69) Pentachlorophenol	11.02	266	355538	103.20	ng		98
70) Phenanthrene	11.23	178	1417277	41.95	ng		97
71) Anthracene	11.29	178	1686450	49.54	ng		98
72) Carbazole	11.45	167	1509033	50.83	ng		98
73) Di-n-butylphthalate	11.78	149	1563943	41.38	ng	#	96
74) Fluoranthene	12.42	202	1613783	47.19	ng		92
76) Benzidine	12.54	184	761052	62.67	ng		98
77) Pyrene	12.64	202	1472221	49.25	ng		98
79) Butylbenzylphthalate	13.28	149	711812	52.49	ng	#	82
80) Benzo(a)anthracene	13.82	228	1119811	46.21	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	252294	29.41	ng	#	90
82) Chrysene	13.86	228	983345	41.85	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	890236	52.76	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1339165	48.10	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	1013952	54.82	ng		99
87) Benzo(b)fluoranthene	14.83	252	928315m	40.48	ng		
88) Benzo(k)fluoranthene	14.85	252	929411m	49.02	ng		
89) Benzo(a)pyrene	15.15	252	905794	46.36	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	843666	51.29	ng		99
91) Benzo(g,h,i)perylene	16.89	276	892999	53.90	ng		99

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

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