Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092516.D
Acq On : 26 Jan 2017 10:53
Operator : SJ/MA
Sample : I1309-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-SB-01-0-2MS

Manual Integrations APPROVED
mohammad
1/27/2017 3:02:03 PM

Quant Time: Jan 26 17:59:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157407	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	622608	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	341237	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	508762	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	330503	20.00	ng		-0.01
86) Perylene-d12	15.63	264	322683	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	911597	90.10	ng		0.01
7) Phenol-d6	6.59	99	1135284	88.10	ng		0.00
23) Nitrobenzene-d5	7.54	82	788512	69.18	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	232070	99.80	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1137673	61.65	ng		-0.01
78) Terphenyl-d14	13.11	244	932587	75.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	149112	27.71	ng	#	82
3) Pyridine	3.44	79	406624	26.55	ng		88
4) n-Nitrosodimethylamine	3.38	42	215100	28.62	ng		87
6) Aniline	6.62	93	278142	14.47	ng	#	45
8) 2-Chlorophenol	6.75	128	363752	34.23	ng		99
9) Benzaldehyde	6.51	77	286647	31.34	ng		91
10) Phenol	6.60	94	467314	30.04	ng	#	75
11) bis(2-Chloroethyl)ether	6.70	93	374747	32.20	ng		98
12) 1,3-Dichlorobenzene	6.91	146	395748	31.49	ng		98
13) 1,4-Dichlorobenzene	6.99	146	385514m	30.48	ng		
14) 1,2-Dichlorobenzene	7.14	146	371303	30.94	ng		99
15) Benzyl Alcohol	7.10	79	314990	32.43	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.25	45	682020	29.63	ng		94
17) 2-Methylphenol	7.22	107	306599	33.77	ng		95
18) Hexachloroethane	7.48	117	125949	28.90	ng	#	86
19) n-Nitroso-di-n-propylamine	7.38	70	244820	27.90	ng		91
20) 3+4-Methylphenols	7.37	107	370672	33.65	ng		88
22) Acetophenone	7.38	105	477057	32.17	ng	#	94
24) Nitrobenzene	7.55	77	367156	30.75	ng		99
25) Isophorone	7.79	82	697500	31.05	ng	#	93
26) 2-Nitrophenol	7.87	139	170222	34.02	ng		93
27) 2,4-Dimethylphenol	7.90	122	315642	30.33	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	461488	31.30	ng		99
29) 2,4-Dichlorophenol	8.11	162	291100	32.27	ng		88
30) 1,2,4-Trichlorobenzene	8.20	180	315806	32.39	ng		96
31) Naphthalene	8.28	128	964109	30.26	ng		99
32) Benzoic acid	7.97	122	37045	8.99	ng		98
33) 4-Chloroaniline	8.33	127	160253	11.89	ng		98
34) Hexachlorobutadiene	8.41	225	163523	30.66	ng		98
35) Caprolactam	8.69	113	95400m	31.67	ng		
36) 4-Chloro-3-methylphenol	8.81	107	319146	32.80	ng		96
37) 2-Methylnaphthalene	8.98	142	662304	32.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	308680	35.86	ng		99
40) Hexachlorocyclopentadiene	9.14	237	166100	38.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	204489	31.01	ng		91
43) 2,4,5-Trichlorophenol	9.30	196	209967	34.80	ng	#	86
45) 1,1'-Biphenyl	9.45	154	847053	34.34	ng		98
46) 2-Chloronaphthalene	9.47	162	614393	30.49	ng		97
47) 2-Nitroaniline	9.56	65	201960	29.77	ng		95
48) Acenaphthylene	9.89	152	979390	33.14	ng		97
49) Dimethylphthalate	9.74	163	748114	34.48	ng		98
50) 2,6-Dinitrotoluene	9.80	165	156932	35.38	ng	#	63
51) Acenaphthene	10.06	154	598427	32.59	ng		97
52) 3-Nitroaniline	9.97	138	120761	21.74	ng		94
53) 2,4-Dinitrophenol	10.08	184	36633	23.67	ng	#	82
54) Dibenzofuran	10.24	168	889780	35.69	ng		90
55) 4-Nitrophenol	10.13	139	278436	63.12	ng	#	75
56) 2,4-Dinitrotoluene	10.21	165	214587	36.45	ng	#	63
57) Fluorene	10.58	166	645254	34.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	167811	37.12	ng		94
59) Diethylphthalate	10.45	149	706946	33.98	ng		94
60) 4-Chlorophenyl-phenylether	10.57	204	305299	34.05	ng	#	85
61) 4-Nitroaniline	10.59	138	172800	31.10	ng		84
62) Azobenzene	10.73	77	819064	34.59	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	51418	21.77	ng	#	73
65) n-Nitrosodiphenylamine	10.68	169	535386	33.70	ng		98
66) 4-Bromophenyl-phenylether	11.06	248	184457	35.91	ng	#	88
67) Hexachlorobenzene	11.12	284	164131	31.61	ng	#	69
68) Atrazine	11.21	200	176788	32.51	ng		99
69) Pentachlorophenol	11.31	266	174242	52.49	ng		96
70) Phenanthrene	11.54	178	969067	34.59	ng		98
71) Anthracene	11.58	178	904758	33.04	ng		99
72) Carbazole	11.74	167	891597	34.10	ng		98
73) Di-n-butylphthalate	12.08	149	1073567	35.91	ng	#	97
74) Fluoranthene	12.73	202	856732	31.26	ng		94
76) Benzidine	12.85	184	283922	23.14	ng		96
77) Pyrene	12.96	202	830920	34.70	ng		98
79) Butylbenzylphthalate	13.57	149	368529	37.99	ng		97
80) Benzo(a)anthracene	14.15	228	583861	32.87	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	183162	27.16	ng	#	95
82) Chrysene	14.18	228	583240	30.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	485331	39.72	ng		98
84) Di-n-octyl phthalate	14.75	149	849623	38.30	ng		98
85) Indeno(1,2,3-cd)pyrene	17.11	276	629954	44.89	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	588266	28.40	ng		98
88) Benzo(k)fluoranthene	15.23	252	569174m	33.04	ng		
89) Benzo(a)pyrene	15.56	252	570968	32.58	ng	#	97
90) Dibenzo(a,h)anthracene	17.13	278	535482	37.79	ng		97
91) Benzo(g,h,i)perylene	17.56	276	510804	35.64	ng	#	95

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

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