Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092326.D
Acq On : 17 Jan 2017 20:00
Operator : UM/SJ
Sample : I1230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B35MS

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:33 PM

Quant Time: Jan 18 00:39:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	152324	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	628164	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	325803	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	511562	20.00	ng		0.00
75) Chrysene-d12	13.70	240	326392	20.00	ng		0.00
86) Perylene-d12	15.05	264	281111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1295621	142.02	ng		0.01
7) Phenol-d6	6.22	99	1514978	136.02	ng		0.00
23) Nitrobenzene-d5	7.14	82	1031457	91.31	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	344463	127.76	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	1690893	110.16	ng		0.01
78) Terphenyl-d14	12.64	244	1414666	105.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	143621	31.98	ng	#	93
3) Pyridine	2.61	79	432502	27.59	ng		100
4) n-Nitrosodimethylamine	2.56	42	200334	33.88	ng		93
6) Aniline	6.22	93	421379	29.13	ng	#	59
8) 2-Chlorophenol	6.35	128	415310	40.02	ng		89
9) Benzaldehyde	6.11	77	21891	2.40	ng		100
10) Phenol	6.23	94	541323	42.65	ng		87
11) bis(2-Chloroethyl)ether	6.30	93	429508	42.53	ng		98
12) 1,3-Dichlorobenzene	6.50	146	432505	39.04	ng		98
13) 1,4-Dichlorobenzene	6.58	146	432647m	38.37	ng		
14) 1,2-Dichlorobenzene	6.72	146	413580	42.27	ng		99
15) Benzyl Alcohol	6.71	79	357944	41.36	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.85	45	609725	40.54	ng		53
17) 2-Methylphenol	6.85	107	350816	42.04	ng	#	88
18) Hexachloroethane	7.07	117	162361	38.84	ng		89
19) n-Nitroso-di-n-propylamine	6.99	70	318345	42.96	ng		98
20) 3+4-Methylphenols	7.00	107	505782	50.81	ng	#	69
22) Acetophenone	6.98	105	626253	40.42	ng	#	93
24) Nitrobenzene	7.15	77	464370	38.60	ng		99
25) Isophorone	7.39	82	851685	40.86	ng		94
26) 2-Nitrophenol	7.47	139	238160	40.14	ng		96
27) 2,4-Dimethylphenol	7.52	122	391772	39.81	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	521465	41.26	ng		97
29) 2,4-Dichlorophenol	7.72	162	380190	45.62	ng		90
30) 1,2,4-Trichlorobenzene	7.79	180	359132	39.33	ng		96
31) Naphthalene	7.87	128	1244965	43.30	ng		99
32) Benzoic acid	7.65	122	62354	8.54	ng		98
33) 4-Chloroaniline	7.92	127	232925	17.97	ng		98
34) Hexachlorobutadiene	7.98	225	189200	39.25	ng		99
35) Caprolactam	8.30	113	109584m	40.02	ng		
36) 4-Chloro-3-methylphenol	8.44	107	399147	41.63	ng		88
37) 2-Methylnaphthalene	8.55	142	754099	42.39	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	348710	42.36	ng		98
40) Hexachlorocyclopentadiene	8.71	237	230960	63.85	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	222883	38.72	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	242056	40.86	ng		99
45) 1,1'-Biphenyl	9.02	154	1014851	45.49	ng		99
46) 2-Chloronaphthalene	9.04	162	777845	44.03	ng		99
47) 2-Nitroaniline	9.15	65	230180	36.59	ng		98
48) Acenaphthylene	9.46	152	1157165	42.59	ng		97
49) Dimethylphthalate	9.33	163	962652	46.20	ng		98
50) 2,6-Dinitrotoluene	9.40	165	213673	46.85	ng		95
51) Acenaphthene	9.63	154	731252	39.70	ng		98
52) 3-Nitroaniline	9.56	138	133275	23.61	ng		95
53) 2,4-Dinitrophenol	9.68	184	95524	37.64	ng	#	85
54) Dibenzofuran	9.80	168	1039327	41.78	ng		95
55) 4-Nitrophenol	9.76	139	218448m	57.00	ng		
56) 2,4-Dinitrotoluene	9.80	165	226697	39.60	ng	#	72
57) Fluorene	10.14	166	798089	44.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	183734	39.21	ng		98
59) Diethylphthalate	10.03	149	806212	39.84	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	323545	40.83	ng		99
61) 4-Nitroaniline	10.18	138	202466	34.61	ng		96
62) Azobenzene	10.29	77	970287	43.55	ng		99
64) 4,6-Dinitro-2-methylphenol	10.21	198	121161	39.17	ng	#	56
65) n-Nitrosodiphenylamine	10.26	169	679171	44.74	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	246215	46.27	ng	#	84
67) Hexachlorobenzene	10.68	284	236487	41.58	ng	#	78
68) Atrazine	10.79	200	233184	47.62	ng		98
69) Pentachlorophenol	10.88	266	171658	61.50	ng		98
70) Phenanthrene	11.09	178	1176313	42.41	ng		99
71) Anthracene	11.15	178	1228545	53.30	ng		97
72) Carbazole	11.31	167	1141349	56.23	ng		98
73) Di-n-butylphthalate	11.64	149	1325248	50.96	ng		99
74) Fluoranthene	12.27	202	1100132	45.22	ng		99
76) Benzidine	12.40	184	462565	60.00	ng		97
77) Pyrene	12.50	202	1140773	47.64	ng		99
79) Butylbenzylphthalate	13.13	149	506371	46.49	ng		97
80) Benzo(a)anthracene	13.69	228	834243	45.28	ng		100
81) 3,3'-Dichlorobenzidine	13.65	252	192954	27.62	ng		96
82) Chrysene	13.72	228	817986	44.26	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	696462	54.30	ng	#	98
84) Di-n-octyl phthalate	14.30	149	1113837	46.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	765804	47.83	ng		99
87) Benzo(b)fluoranthene	14.68	252	677741m	38.72	ng		
88) Benzo(k)fluoranthene	14.71	252	709493m	47.54	ng		
89) Benzo(a)pyrene	14.99	252	664067	42.75	ng		98
90) Dibenzo(a,h)anthracene	16.28	278	629241	49.28	ng	#	94
91) Benzo(g,h,i)perylene	16.63	276	664862	50.08	ng		98

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

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