Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092652.D
Acq On : 30 Jan 2017 23:49
Operator : SJ/MA
Sample : I1553-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:55 PM

Quant Time: Jan 31 01:37:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161148	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	635118	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	352284	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	569934	20.00	ng		0.00
75) Chrysene-d12	14.13	240	417186	20.00	ng		-0.01
86) Perylene-d12	15.61	264	332092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1337247	142.37	ng		0.01
7) Phenol-d6	6.61	99	1691498	139.96	ng		0.01
23) Nitrobenzene-d5	7.53	82	1064865	93.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	372107	146.04	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1937480	99.64	ng		0.00
78) Terphenyl-d14	13.08	244	1537324	86.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	240819	47.45	ng		86
3) Pyridine	3.44	79	355836	27.57	ng	#	81
4) n-Nitrosodimethylamine	3.39	42	346249	57.14	ng		85
6) Aniline	6.62	93	430414	26.11	ng	#	67
8) 2-Chlorophenol	6.75	128	488476	47.14	ng		96
9) Benzaldehyde	6.51	77	205577	23.74	ng		94
10) Phenol	6.62	94	782255	55.32	ng		84
11) bis(2-Chloroethyl)ether	6.69	93	523361	46.37	ng		89
12) 1,3-Dichlorobenzene	6.90	146	539058	44.41	ng	#	91
13) 1,4-Dichlorobenzene	6.98	146	578102	47.06	ng		96
14) 1,2-Dichlorobenzene	7.14	146	527768m	44.93	ng		
15) Benzyl Alcohol	7.10	79	425267	47.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	850350	43.37	ng		95
17) 2-Methylphenol	7.23	107	447803	50.37	ng		98
18) Hexachloroethane	7.47	117	194805	46.45	ng	#	87
19) n-Nitroso-di-n-propylamine	7.38	70	351770	45.72	ng		96
20) 3+4-Methylphenols	7.38	107	510090	47.99	ng	#	81
22) Acetophenone	7.38	105	720570	49.69	ng	#	93
24) Nitrobenzene	7.55	77	569000	48.59	ng		95
25) Isophorone	7.79	82	1010883	47.57	ng		98
26) 2-Nitrophenol	7.87	139	301550	54.17	ng	#	85
27) 2,4-Dimethylphenol	7.92	122	483823	49.49	ng		93
28) bis(2-Chloroethoxy)methane	8.00	93	642673	45.66	ng		99
29) 2,4-Dichlorophenol	8.11	162	443340	48.62	ng		88
30) 1,2,4-Trichlorobenzene	8.19	180	456157	46.42	ng		95
31) Naphthalene	8.27	128	1419635	44.09	ng		99
32) Benzoic acid	7.98	122	44541	14.01	ng		96
33) 4-Chloroaniline	8.33	127	316723	25.08	ng		95
34) Hexachlorobutadiene	8.38	225	239518	44.30	ng		99
35) Caprolactam	8.69	113	133374m	46.50	ng		
36) 4-Chloro-3-methylphenol	8.82	107	508147	53.45	ng		96
37) 2-Methylnaphthalene	8.97	142	1007523	48.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	447472	45.25	ng		99
40) Hexachlorocyclopentadiene	9.12	237	393852	88.28	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	335931	51.70	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	336707	47.29	ng	#	81
45) 1,1'-Biphenyl	9.44	154	1268480	49.73	ng		99
46) 2-Chloronaphthalene	9.46	162	1004068	50.32	ng		98
47) 2-Nitroaniline	9.55	65	301976	45.01	ng		95
48) Acenaphthylene	9.87	152	1462806	42.43	ng		99
49) Dimethylphthalate	9.73	163	1257131	52.98	ng		99
50) 2,6-Dinitrotoluene	9.80	165	270071	52.70	ng	#	75
51) Acenaphthene	10.04	154	904285	43.87	ng		95
52) 3-Nitroaniline	9.96	138	195060	33.26	ng		97
53) 2,4-Dinitrophenol	10.08	184	146057	57.45	ng		91
54) Dibenzofuran	10.21	168	1240422	45.00	ng		98
55) 4-Nitrophenol	10.14	139	411327	97.38	ng		90
56) 2,4-Dinitrotoluene	10.20	165	355824	52.16	ng		87
57) Fluorene	10.56	166	918422	43.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	258752	54.48	ng		98
59) Diethylphthalate	10.43	149	1050660	46.98	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	434757	42.67	ng		96
61) 4-Nitroaniline	10.59	138	279987	46.61	ng		82
62) Azobenzene	10.70	77	1140647	49.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	143651	41.78	ng		83
65) n-Nitrosodiphenylamine	10.67	169	843461	46.33	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	268215	45.04	ng		96
67) Hexachlorobenzene	11.10	284	266779	45.34	ng	#	88
68) Atrazine	11.20	200	253875	43.45	ng		99
69) Pentachlorophenol	11.30	266	248594	81.67	ng		98
70) Phenanthrene	11.53	178	1497126	45.85	ng		97
71) Anthracene	11.57	178	1464446	44.66	ng		99
72) Carbazole	11.73	167	1455264	46.43	ng		98
73) Di-n-butylphthalate	12.05	149	1565662	46.19	ng	#	98
74) Fluoranthene	12.70	202	1466598	43.54	ng		98
76) Benzidine	12.83	184	159521	8.97	ng		96
77) Pyrene	12.94	202	1490623	47.74	ng		98
79) Butylbenzylphthalate	13.55	149	651039	51.35	ng		95
80) Benzo(a)anthracene	14.12	228	1145257	44.88	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	297933	32.76	ng	#	97
82) Chrysene	14.17	228	1134985	47.51	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	952181	54.92	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1490277	52.78	ng		100
85) Indeno(1,2,3-cd)pyrene	17.08	276	943010	50.96	ng		96
87) Benzo(b)fluoranthene	15.17	252	1193199m	54.59	ng		
88) Benzo(k)fluoranthene	15.21	252	690730m	36.60	ng		
89) Benzo(a)pyrene	15.54	252	911366	48.20	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	780683	51.09	ng		98
91) Benzo(g,h,i)perylene	17.54	276	802160	51.96	ng		95

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

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