Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092653.D
Acq On : 31 Jan 2017 00:17
Operator : SJ/MA
Sample : I1553-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:58 PM

Quant Time: Jan 31 01:39:28 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	156291	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	640729	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	358615	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	598167	20.00	ng		0.00
75) Chrysene-d12	14.13	240	419502	20.00	ng		-0.01
86) Perylene-d12	15.61	264	330950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1238643	135.97	ng		0.01
7) Phenol-d6	6.61	99	1551226	132.34	ng		0.01
23) Nitrobenzene-d5	7.53	82	905951	78.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	333448	128.56	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1698897	85.83	ng		0.00
78) Terphenyl-d14	13.08	244	1378336	77.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	215580	43.80	ng	#	84
3) Pyridine	3.44	79	412941	32.99	ng		88
4) n-Nitrosodimethylamine	3.39	42	316384	53.83	ng		88
6) Aniline	6.62	93	377218	23.59	ng		95
8) 2-Chlorophenol	6.75	128	452072	44.98	ng		99
9) Benzaldehyde	6.50	77	173967	20.72	ng		90
10) Phenol	6.62	94	639593	46.64	ng		84
11) bis(2-Chloroethyl)ether	6.69	93	451057	41.21	ng		90
12) 1,3-Dichlorobenzene	6.90	146	490235m	41.65	ng		
13) 1,4-Dichlorobenzene	6.98	146	521254	43.75	ng		96
14) 1,2-Dichlorobenzene	7.14	146	469413m	41.20	ng		
15) Benzyl Alcohol	7.10	79	382105	44.03	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	763122	40.13	ng		94
17) 2-Methylphenol	7.23	107	402716	46.71	ng		98
18) Hexachloroethane	7.47	117	174435	42.89	ng	#	87
19) n-Nitroso-di-n-propylamine	7.38	70	319711	42.85	ng		97
20) 3+4-Methylphenols	7.38	107	452529	43.90	ng	#	87
22) Acetophenone	7.38	105	636960	43.54	ng	#	92
24) Nitrobenzene	7.55	77	523898	44.34	ng		94
25) Isophorone	7.79	82	925175	43.15	ng		98
26) 2-Nitrophenol	7.87	139	274568	48.89	ng	#	87
27) 2,4-Dimethylphenol	7.92	122	445915	45.21	ng		91
28) bis(2-Chloroethoxy)methane	8.00	93	576260	40.58	ng		99
29) 2,4-Dichlorophenol	8.11	162	404263	43.95	ng		89
30) 1,2,4-Trichlorobenzene	8.19	180	412332	41.60	ng		94
31) Naphthalene	8.27	128	1319470	40.62	ng		99
32) Benzoic acid	8.00	122	67677	17.47	ng		96
33) 4-Chloroaniline	8.33	127	267033	20.96	ng		98
34) Hexachlorobutadiene	8.40	225	224968	41.25	ng		98
35) Caprolactam	8.69	113	130525m	45.11	ng		
36) 4-Chloro-3-methylphenol	8.82	107	427924	44.62	ng		98
37) 2-Methylnaphthalene	8.97	142	877362	42.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	427034	42.42	ng		99
40) Hexachlorocyclopentadiene	9.12	237	365416	80.46	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	311403	47.08	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	319051m	44.02	ng		
45) 1,1'-Biphenyl	9.44	154	1196842	46.09	ng		99
46) 2-Chloronaphthalene	9.46	162	878546	43.25	ng		97
47) 2-Nitroaniline	9.56	65	303574	44.45	ng	#	70
48) Acenaphthylene	9.87	152	1385099	39.47	ng		99
49) Dimethylphthalate	9.73	163	1204004	49.85	ng		98
50) 2,6-Dinitrotoluene	9.80	165	259901	49.82	ng		88
51) Acenaphthene	10.04	154	873723	41.64	ng		98
52) 3-Nitroaniline	9.97	138	174941	29.30	ng	#	68
53) 2,4-Dinitrophenol	10.08	184	169289	64.75	ng		95
54) Dibenzofuran	10.21	168	1210438	43.13	ng		98
55) 4-Nitrophenol	10.14	139	346906	80.68	ng		92
56) 2,4-Dinitrotoluene	10.20	165	314030	45.22	ng		92
57) Fluorene	10.56	166	882104	40.86	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	248857	51.47	ng		96
59) Diethylphthalate	10.43	149	962646	42.29	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	434838	41.92	ng	#	75
61) 4-Nitroaniline	10.59	138	258812	42.33	ng		85
62) Azobenzene	10.72	77	1105395	47.00	ng		87
64) 4,6-Dinitro-2-methylphenol	10.61	198	146035	40.55	ng		90
65) n-Nitrosodiphenylamine	10.67	169	781056	40.87	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	265891	42.55	ng	#	74
67) Hexachlorobenzene	11.10	284	248189	40.19	ng	#	83
68) Atrazine	11.20	200	241883	39.45	ng		99
69) Pentachlorophenol	11.31	266	256495	80.41	ng		99
70) Phenanthrene	11.53	178	1443060	42.11	ng		98
71) Anthracene	11.57	178	1303180	37.87	ng		99
72) Carbazole	11.73	167	1315927	40.00	ng		99
73) Di-n-butylphthalate	12.05	149	1430603	40.21	ng		98
74) Fluoranthene	12.70	202	1382972	39.12	ng		98
76) Benzidine	12.83	184	213306	11.93	ng		97
77) Pyrene	12.94	202	1428641	45.51	ng		99
79) Butylbenzylphthalate	13.55	149	608388	47.72	ng		96
80) Benzo(a)anthracene	14.12	228	1060576	41.34	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	265361	29.01	ng	#	95
82) Chrysene	14.17	228	1038157	43.22	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	867128	49.74	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1361426	47.95	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	856582	46.03	ng		95
87) Benzo(b)fluoranthene	15.17	252	847407	38.90	ng		98
88) Benzo(k)fluoranthene	15.21	252	862051m	45.83	ng		
89) Benzo(a)pyrene	15.54	252	801663	42.55	ng	#	97
90) Dibenzo(a,h)anthracene	17.11	278	709230	46.57	ng		99
91) Benzo(g,h,i)perylene	17.53	276	738974	48.03	ng	#	91

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

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