Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094495.D
Acq On : 18 Apr 2017 19:20
Operator : SJ/MA
Sample : I2741-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WDS-02MSD

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:16 PM

Quant Time: Apr 19 02:18:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	124205	20.00	ng		0.01
21) Naphthalene-d8	7.27	136	496830	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	209622	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	396133	20.00	ng		0.00
75) Chrysene-d12	14.47	240	261524	20.00	ng		0.00
86) Perylene-d12	16.09	264	255157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	1093525	146.07	ng		0.03
7) Phenol-d6	5.41	99	1315591	149.06	ng		0.02
23) Nitrobenzene-d5	6.43	82	837938	104.14	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	265819	162.12	ng		0.00
44) 2-Fluorobiphenyl	8.60	172	1440493	101.11	ng		0.00
78) Terphenyl-d14	13.20	244	1228830	125.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	150882	34.65	ng		98
3) Pyridine	2.67	79	399398	41.97	ng		97
4) n-Nitrosodimethylamine	2.61	42	193504	49.15	ng		92
6) Aniline	5.41	93	334073	28.48	ng	#	80
8) 2-Chlorophenol	5.55	128	424552	49.84	ng		97
9) Benzaldehyde	5.27	77	81473	12.14	ng		97
10) Phenol	5.42	94	606563	55.94	ng		96
11) bis(2-Chloroethyl)ether	5.50	93	384966	48.60	ng		95
12) 1,3-Dichlorobenzene	5.71	146	461453	48.89	ng		98
13) 1,4-Dichlorobenzene	5.80	146	462586	48.71	ng		96
14) 1,2-Dichlorobenzene	5.97	146	431822	49.37	ng		97
15) Benzyl Alcohol	5.95	79	329931	50.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	532276	51.26	ng		65
17) 2-Methylphenol	6.10	107	348057	51.88	ng	#	92
18) Hexachloroethane	6.35	117	155664	47.82	ng	#	82
19) n-Nitroso-di-n-propylamine	6.27	70	307903	52.65	ng		98
20) 3+4-Methylphenols	6.28	107	485317	53.23	ng	#	63
22) Acetophenone	6.25	105	618348	51.19	ng	#	85
24) Nitrobenzene	6.45	77	426568	50.34	ng		96
25) Isophorone	6.74	82	786710	52.74	ng		95
26) 2-Nitrophenol	6.82	139	247627	54.40	ng		94
27) 2,4-Dimethylphenol	6.90	122	390435	52.80	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	505933	52.44	ng		100
29) 2,4-Dichlorophenol	7.12	162	368165	53.52	ng		99
30) 1,2,4-Trichlorobenzene	7.21	180	366094	51.48	ng		99
31) Naphthalene	7.30	128	1206062	50.50	ng		100
32) Benzoic acid	7.03	122	46873	11.99	ng		94
33) 4-Chloroaniline	7.37	127	81996	8.25	ng	#	92
34) Hexachlorobutadiene	7.45	225	180642	50.95	ng		96
35) Caprolactam	7.83	113	121335m	56.15	ng		
36) 4-Chloro-3-methylphenol	8.00	107	359973	49.94	ng		89
37) 2-Methylnaphthalene	8.14	142	831384	50.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	310935	52.09	ng		99
40) Hexachlorocyclopentadiene	8.33	237	258327	106.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	238529	56.90	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	245358	57.00	ng	#	92
45) 1,1'-Biphenyl	8.71	154	857218	50.05	ng		98
46) 2-Chloronaphthalene	8.73	162	705979	51.84	ng		97
47) 2-Nitroaniline	8.87	65	207861	53.06	ng	#	78
48) Acenaphthylene	9.23	152	1068972	50.35	ng		100
49) Dimethylphthalate	9.11	163	1161087	74.32	ng		99
50) 2,6-Dinitrotoluene	9.17	165	190441	54.31	ng		90
51) Acenaphthene	9.45	154	645838	50.79	ng		98
52) 3-Nitroaniline	9.37	138	118319	29.17	ng		87
53) 2,4-Dinitrophenol	9.51	184	136872	72.52	ng	#	65
54) Dibenzofuran	9.66	168	945215	51.15	ng		99
55) 4-Nitrophenol	9.64	139	286822	100.08	ng	#	74
56) 2,4-Dinitrotoluene	9.67	165	240501	55.90	ng	#	82
57) Fluorene	10.08	166	726356	50.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	173769	56.32	ng	#	96
59) Diethylphthalate	9.97	149	809717	54.93	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	319005	53.26	ng		95
61) 4-Nitroaniline	10.13	138	197699	47.94	ng		97
62) Azobenzene	10.28	77	770258	53.82	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	121371	46.76	ng	#	68
65) n-Nitrosodiphenylamine	10.24	169	688322	49.96	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	205704	52.30	ng		98
67) Hexachlorobenzene	10.75	284	207508	52.35	ng	#	87
68) Atrazine	10.91	200	216795	52.60	ng		96
69) Pentachlorophenol	11.01	266	193356	122.84	ng		98
70) Phenanthrene	11.25	178	1148788	51.50	ng		99
71) Anthracene	11.32	178	1171092	50.75	ng		99
72) Carbazole	11.52	167	1100993	50.84	ng		98
73) Di-n-butylphthalate	11.98	149	1343887	56.36	ng		99
74) Fluoranthene	12.71	202	1130001	48.88	ng		99
76) Benzidine	12.89	184	429079	40.52	ng	#	93
77) Pyrene	12.99	202	1113924	60.97	ng		99
79) Butylbenzylphthalate	13.81	149	510724	63.78	ng	#	85
80) Benzo(a)anthracene	14.46	228	808328	53.18	ng		97
81) 3,3'-Dichlorobenzidine	14.44	252	158708	29.49	ng	#	96
82) Chrysene	14.50	228	747550	53.81	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	674319	62.72	ng		99
84) Di-n-octyl phthalate	15.28	149	1126829	62.48	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	846150	64.01	ng		99
87) Benzo(b)fluoranthene	15.69	252	808392	51.79	ng		99
88) Benzo(k)fluoranthene	15.72	252	738173	49.97	ng	#	96
89) Benzo(a)pyrene	16.04	252	759292	52.29	ng		97
90) Dibenzo(a,h)anthracene	17.39	278	694301	57.58	ng		98
91) Benzo(g,h,i)perylene	17.75	276	726454	59.18	ng		100

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

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