Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094574.D
Acq On : 21 Apr 2017 20:37
Operator : SJ/MA
Sample : I2786-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MS

Manual Integrations APPROVED
mohammad
4/24/2017 5:13:28 PM

Quant Time: Apr 22 01:42:22 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	5.77	152	108522	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	430047	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	176576	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	337712	20.00	ng		0.00
75) Chrysene-d12	14.47	240	285467	20.00	ng		0.00
86) Perylene-d12	16.08	264	260844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	924136	141.28	ng		0.02
7) Phenol-d6	5.41	99	1099109	142.53	ng		0.01
23) Nitrobenzene-d5	6.42	82	673050	96.64	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	222041	160.77	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1222351	101.85	ng		0.00
78) Terphenyl-d14	13.19	244	981943	91.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	107392	28.23	ng		98
3) Pyridine	2.63	79	298483	35.90	ng		98
4) n-Nitrosodimethylamine	2.57	42	138426	40.24	ng		86
6) Aniline	5.40	93	323866	31.60	ng	#	85
8) 2-Chlorophenol	5.54	128	328983	44.20	ng		97
9) Benzaldehyde	5.27	77	48418	8.25	ng		95
10) Phenol	5.42	94	448176	47.31	ng		90
11) bis(2-Chloroethyl)ether	5.48	93	295162	42.65	ng		98
12) 1,3-Dichlorobenzene	5.70	146	345421	41.89	ng		99
13) 1,4-Dichlorobenzene	5.79	146	336571	40.57	ng		97
14) 1,2-Dichlorobenzene	5.97	146	314322	41.13	ng		95
15) Benzyl Alcohol	5.95	79	242307	42.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	386521	42.60	ng		57
17) 2-Methylphenol	6.10	107	247016	42.14	ng	#	92
18) Hexachloroethane	6.35	117	109196	38.39	ng	#	83
19) n-Nitroso-di-n-propylamine	6.26	70	220218	43.10	ng		96
20) 3+4-Methylphenols	6.28	107	342649	43.01	ng	#	63
22) Acetophenone	6.24	105	443475	42.41	ng	#	85
24) Nitrobenzene	6.44	77	310086	42.28	ng		95
25) Isophorone	6.73	82	565516	43.80	ng		95
26) 2-Nitrophenol	6.81	139	168854	42.85	ng		95
27) 2,4-Dimethylphenol	6.90	122	276893	43.26	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	361465	43.28	ng		99
29) 2,4-Dichlorophenol	7.12	162	265116	44.53	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	260811	42.37	ng		99
31) Naphthalene	7.29	128	874479	42.30	ng		99
32) Benzoic acid	7.04	122	59334	17.53	ng		95
33) 4-Chloroaniline	7.37	127	191693	22.29	ng	#	91
34) Hexachlorobutadiene	7.44	225	131346	42.80	ng		97
35) Caprolactam	7.82	113	82998m	44.37	ng		
36) 4-Chloro-3-methylphenol	8.00	107	256870	41.17	ng		92
37) 2-Methylnaphthalene	8.13	142	607077	42.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	237563	47.25	ng		99
40) Hexachlorocyclopentadiene	8.32	237	91968	45.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	157258	44.54	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	174334	48.08	ng		95
45) 1,1'-Biphenyl	8.70	154	675972	46.86	ng		97
46) 2-Chloronaphthalene	8.72	162	539629	47.04	ng		96
47) 2-Nitroaniline	8.86	65	156646	47.47	ng	#	80
48) Acenaphthylene	9.22	152	675385	37.77	ng		99
49) Dimethylphthalate	9.10	163	853439	64.86	ng		99
50) 2,6-Dinitrotoluene	9.17	165	138399	46.86	ng		95
51) Acenaphthene	9.44	154	467498	43.65	ng		99
52) 3-Nitroaniline	9.37	138	110822	32.43	ng		89
53) 2,4-Dinitrophenol	9.51	184	36222	26.73	ng	#	69
54) Dibenzofuran	9.65	168	725993	46.64	ng		98
55) 4-Nitrophenol	9.63	139	166800m	69.09	ng		
56) 2,4-Dinitrotoluene	9.66	165	176285	48.64	ng	#	85
57) Fluorene	10.07	166	565934	46.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	125243	48.19	ng		95
59) Diethylphthalate	9.96	149	619483	49.89	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	249257	49.41	ng		94
61) 4-Nitroaniline	10.12	138	140299	40.39	ng		98
62) Azobenzene	10.27	77	608505	50.48	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	39675	17.93	ng	#	64
65) n-Nitrosodiphenylamine	10.23	169	550941	46.91	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	154939	46.20	ng		95
67) Hexachlorobenzene	10.75	284	147051	43.51	ng	#	88
68) Atrazine	10.91	200	155733	44.32	ng		96
69) Pentachlorophenol	11.00	266	136461	101.69	ng		97
70) Phenanthrene	11.25	178	849457	44.67	ng		98
71) Anthracene	11.31	178	848792	43.15	ng		99
72) Carbazole	11.52	167	786646	42.61	ng		97
73) Di-n-butylphthalate	11.97	149	1023246	50.33	ng		99
74) Fluoranthene	12.71	202	884083	44.85	ng		99
76) Benzidine	12.88	184	220291	19.06	ng	#	94
77) Pyrene	12.98	202	876343	43.94	ng		99
79) Butylbenzylphthalate	13.80	149	412109	47.15	ng		89
80) Benzo(a)anthracene	14.45	228	739828	44.59	ng		100
81) 3,3'-Dichlorobenzidine	14.43	252	207112	35.26	ng	#	94
82) Chrysene	14.49	228	689913	45.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	601536	51.26	ng	#	99
84) Di-n-octyl phthalate	15.27	149	999827	50.79	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	650210	45.07	ng		99
87) Benzo(b)fluoranthene	15.69	252	749251	46.96	ng		98
88) Benzo(k)fluoranthene	15.72	252	650601	43.09	ng		97
89) Benzo(a)pyrene	16.03	252	657877	44.32	ng		98
90) Dibenzo(a,h)anthracene	17.38	278	528535	42.88	ng		97
91) Benzo(g,h,i)perylene	17.74	276	533277	42.49	ng		95

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

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