Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094482.D
Acq On : 18 Apr 2017 13:03
Operator : SJ/MA
Sample : PB98269BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Manual Integrations APPROVED
mohammad
4/19/2017 1:27:34 PM

Quant Time: Apr 19 06:53:30 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	123619	20.00	ng		0.01
21) Naphthalene-d8	7.27	136	493502	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	229247	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	456504	20.00	ng		0.00
75) Chrysene-d12	14.47	240	356661	20.00	ng		0.00
86) Perylene-d12	16.09	264	273969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	943637	126.64	ng		0.03
7) Phenol-d6	5.41	99	1076526	122.55	ng		0.02
23) Nitrobenzene-d5	6.42	82	684175	85.61	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	265703	148.18	ng		0.00
44) 2-Fluorobiphenyl	8.60	172	1251866	80.35	ng		0.00
78) Terphenyl-d14	13.20	244	1318718	98.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	119053	27.47	ng		95
3) Pyridine	2.66	79	320297	33.82	ng		97
4) n-Nitrosodimethylamine	2.60	42	156382	39.91	ng		88
6) Aniline	5.41	93	390406	33.44	ng	#	87
8) 2-Chlorophenol	5.55	128	348860	41.15	ng		96
9) Benzaldehyde	5.27	77	58313	8.73	ng		98
10) Phenol	5.42	94	422149	39.12	ng		91
11) bis(2-Chloroethyl)ether	5.49	93	315295	40.00	ng		97
12) 1,3-Dichlorobenzene	5.71	146	365395	38.90	ng		98
13) 1,4-Dichlorobenzene	5.80	146	369702	39.12	ng		97
14) 1,2-Dichlorobenzene	5.97	146	343683	39.48	ng		95
15) Benzyl Alcohol	5.95	79	265742	40.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	420437	40.68	ng		76
17) 2-Methylphenol	6.10	107	275411	41.24	ng	#	92
18) Hexachloroethane	6.35	117	127486	39.35	ng	#	84
19) n-Nitroso-di-n-propylamine	6.27	70	239506	41.15	ng		95
20) 3+4-Methylphenols	6.28	107	383006	42.21	ng	#	61
22) Acetophenone	6.25	105	490385	40.87	ng	#	84
24) Nitrobenzene	6.45	77	346800	41.21	ng		94
25) Isophorone	6.74	82	617164	41.66	ng		95
26) 2-Nitrophenol	6.82	139	193607	42.82	ng		96
27) 2,4-Dimethylphenol	6.90	122	309777	42.18	ng		99
28) bis(2-Chloroethoxy)methane	7.00	93	400035	41.74	ng		99
29) 2,4-Dichlorophenol	7.12	162	293944	43.02	ng		99
30) 1,2,4-Trichlorobenzene	7.21	180	286289	40.53	ng		99
31) Naphthalene	7.30	128	960900	40.50	ng		100
32) Benzoic acid	7.05	122	80632m	20.76	ng		
33) 4-Chloroaniline	7.37	127	196802	19.94	ng		94
34) Hexachlorobutadiene	7.45	225	146375	41.56	ng		99
35) Caprolactam	7.84	113	100012m	46.59	ng		
36) 4-Chloro-3-methylphenol	8.00	107	303129	42.33	ng		89
37) 2-Methylnaphthalene	8.14	142	682549	42.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258456	39.59	ng		99
40) Hexachlorocyclopentadiene	8.33	237	256106	96.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	191775	41.83	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	207656	44.11	ng	#	92
45) 1,1'-Biphenyl	8.71	154	715822	38.22	ng		98
46) 2-Chloronaphthalene	8.73	162	607709	40.80	ng		97
47) 2-Nitroaniline	8.86	65	187496	43.76	ng		90
48) Acenaphthylene	9.23	152	953966	41.09	ng		99
49) Dimethylphthalate	9.11	163	757702	44.35	ng		100
50) 2,6-Dinitrotoluene	9.17	165	171616	44.75	ng		99
51) Acenaphthene	9.44	154	578659	41.61	ng		99
52) 3-Nitroaniline	9.37	138	124024	27.95	ng		91
53) 2,4-Dinitrophenol	9.51	184	105654	52.88	ng	#	70
54) Dibenzofuran	9.66	168	859140	42.51	ng		99
55) 4-Nitrophenol	9.64	139	335498	107.04	ng	#	72
56) 2,4-Dinitrotoluene	9.67	165	225039	47.83	ng	#	83
57) Fluorene	10.08	166	709507	45.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159068	47.14	ng		97
59) Diethylphthalate	9.97	149	782144	48.52	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	306580	46.81	ng		88
61) 4-Nitroaniline	10.13	138	198667	44.05	ng		96
62) Azobenzene	10.28	77	740631	47.32	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	103866	34.73	ng	#	63
65) n-Nitrosodiphenylamine	10.24	169	667280	42.03	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	192265	42.42	ng		99
67) Hexachlorobenzene	10.75	284	193429	42.34	ng	#	86
68) Atrazine	10.92	200	206547	43.49	ng		96
69) Pentachlorophenol	11.01	266	170996	94.27	ng		98
70) Phenanthrene	11.25	178	1082717	42.12	ng		99
71) Anthracene	11.32	178	1123123	42.24	ng		99
72) Carbazole	11.52	167	1069172	42.84	ng		99
73) Di-n-butylphthalate	11.98	149	1291664	47.00	ng		99
74) Fluoranthene	12.71	202	1158586	43.49	ng		99
76) Benzidine	12.89	184	447565	30.99	ng	#	93
77) Pyrene	12.99	202	1171564	47.02	ng		99
79) Butylbenzylphthalate	13.81	149	548660	50.24	ng		89
80) Benzo(a)anthracene	14.46	228	912876	44.04	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	184464	25.14	ng	#	97
82) Chrysene	14.51	228	828916	43.75	ng		100
83) Bis(2-ethylhexyl)phthalate	14.53	149	743568	50.71	ng	#	100
84) Di-n-octyl phthalate	15.28	149	1107251	45.02	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	789922	43.82	ng		99
87) Benzo(b)fluoranthene	15.69	252	736011	43.92	ng		100
88) Benzo(k)fluoranthene	15.72	252	682738	43.05	ng		95
89) Benzo(a)pyrene	16.04	252	679448	43.58	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	656630	50.72	ng		98
91) Benzo(g,h,i)perylene	17.75	276	678667	51.49	ng		99

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

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