Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093325.D
Acq On : 2 Mar 2017 17:19
Operator : SJ/MA
Sample : PB97286BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97286BS

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:36 PM

Quant Time: Mar 03 00:49:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150061	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	588220	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	282816	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	512128	20.00	ng		0.00
75) Chrysene-d12	13.99	240	434901	20.00	ng		0.00
86) Perylene-d12	15.40	264	331464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1276572	145.95	ng		0.01
7) Phenol-d6	6.45	99	1544105	137.20	ng		0.00
23) Nitrobenzene-d5	7.37	82	1000970	94.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	304569	148.90	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	1453777	93.13	ng		0.00
78) Terphenyl-d14	12.93	244	1458668	78.81	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	186726	39.51	ng	#	82
3) Pyridine	3.09	79	453976	37.77	ng		89
4) n-Nitrosodimethylamine	3.06	42	263624	46.72	ng		88
6) Aniline	6.46	93	406398	26.47	ng	#	77
8) 2-Chlorophenol	6.58	128	415632	43.07	ng		83
9) Benzaldehyde	6.34	77	136495	16.93	ng		87
10) Phenol	6.46	94	626449	47.58	ng		82
11) bis(2-Chloroethyl)ether	6.53	93	450117	42.83	ng		90
12) 1,3-Dichlorobenzene	6.74	146	468260	41.43	ng		98
13) 1,4-Dichlorobenzene	6.81	146	478807	41.86	ng		100
14) 1,2-Dichlorobenzene	6.97	146	447301	40.89	ng		98
15) Benzyl Alcohol	6.96	79	357413	42.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	757546	41.49	ng		92
17) 2-Methylphenol	7.07	107	368968	44.57	ng		97
18) Hexachloroethane	7.31	117	167244	42.83	ng	#	89
19) n-Nitroso-di-n-propylamine	7.22	70	323381	45.14	ng		95
20) 3+4-Methylphenols	7.23	107	486915	49.19	ng	#	75
22) Acetophenone	7.22	105	617312	45.96	ng	#	97
24) Nitrobenzene	7.39	77	513061	47.30	ng		98
25) Isophorone	7.63	82	923495	46.92	ng		95
26) 2-Nitrophenol	7.71	139	254149	49.29	ng		96
27) 2,4-Dimethylphenol	7.76	122	428128	47.28	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	605448	46.44	ng		100
29) 2,4-Dichlorophenol	7.96	162	394705	46.74	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	379246	41.67	ng		95
31) Naphthalene	8.11	128	1209094	40.55	ng		99
32) Benzoic acid	7.90	122	171258	35.56	ng		96
33) 4-Chloroaniline	8.17	127	266614	22.80	ng		94
34) Hexachlorobutadiene	8.22	225	196831	39.31	ng		98
35) Caprolactam	8.56	113	133629m	50.31	ng		
36) 4-Chloro-3-methylphenol	8.67	107	402577	45.72	ng		98
37) 2-Methylnaphthalene	8.81	142	828874	43.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	377810	47.59	ng		98
40) Hexachlorocyclopentadiene	8.96	237	252769	70.57	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	248180	47.58	ng		92
43) 2,4,5-Trichlorophenol	9.15	196	241888	42.32	ng	#	84
45) 1,1'-Biphenyl	9.28	154	1014014	49.51	ng		98
46) 2-Chloronaphthalene	9.30	162	767178	47.89	ng		96
47) 2-Nitroaniline	9.40	65	267643	49.69	ng		90
48) Acenaphthylene	9.72	152	1225355	44.28	ng		97
49) Dimethylphthalate	9.58	163	963923	50.60	ng		100
50) 2,6-Dinitrotoluene	9.65	165	222614	54.11	ng		95
51) Acenaphthene	9.88	154	723926	43.75	ng		97
52) 3-Nitroaniline	9.82	138	158166	33.59	ng		83
53) 2,4-Dinitrophenol	9.94	184	227150	106.85	ng	#	42
54) Dibenzofuran	10.06	168	1053726	47.61	ng		94
55) 4-Nitrophenol	10.01	139	212152	62.56	ng		91
56) 2,4-Dinitrotoluene	10.06	165	255893	46.72	ng		94
57) Fluorene	10.41	166	861547	50.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	205634	53.93	ng		93
59) Diethylphthalate	10.28	149	839550	46.77	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	377035	46.09	ng		89
61) 4-Nitroaniline	10.44	138	224139	46.48	ng		94
62) Azobenzene	10.56	77	1039584	56.05	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	145519	46.76	ng	#	41
65) n-Nitrosodiphenylamine	10.52	169	739330	45.19	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	227686	42.55	ng		93
67) Hexachlorobenzene	10.96	284	217923	41.22	ng	#	89
68) Atrazine	11.06	200	242093	46.11	ng		92
69) Pentachlorophenol	11.16	266	183335	68.32	ng		99
70) Phenanthrene	11.37	178	1132493	38.60	ng		99
71) Anthracene	11.42	178	1302641	44.21	ng		98
72) Carbazole	11.58	167	1184023	42.04	ng		98
73) Di-n-butylphthalate	11.90	149	1316030	43.20	ng		98
74) Fluoranthene	12.56	202	1131705	37.39	ng		97
76) Benzidine	12.68	184	419777	22.65	ng		96
77) Pyrene	12.79	202	1138760	34.99	ng		99
79) Butylbenzylphthalate	13.40	149	633196	47.91	ng		88
80) Benzo(a)anthracene	13.97	228	1091242	41.03	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	249502	26.31	ng	#	94
82) Chrysene	14.01	228	834965	33.53	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	802921	44.42	ng		100
84) Di-n-octyl phthalate	14.57	149	1388465	47.17	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	743235	38.53	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	1009550m	46.27	ng		
88) Benzo(k)fluoranthene	15.03	252	727685m	38.63	ng		
89) Benzo(a)pyrene	15.35	252	824663	43.70	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	622785	40.83	ng	#	94
91) Benzo(g,h,i)perylene	17.21	276	625531	40.60	ng	#	90

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

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