Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099287.D
Acq On : 10 Oct 2017 3:38
Operator : SJ/JU
Sample : PB103201BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103106BS

Manual Integrations APPROVED
Sohil
10/10/2017 5:00:50 PM

Quant Time: Oct 10 05:25:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112372	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	466910	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	212808	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	367755	20.00	ng		0.00
75) Chrysene-d12	14.03	240	214776	20.00	ng		0.00
86) Perylene-d12	15.50	264	201552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	772379	109.42	ng		0.02
7) Phenol-d6	6.50	99	943658	108.37	ng		0.00
23) Nitrobenzene-d5	7.43	82	566260	77.78	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	209732	120.44	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1109653	87.05	ng		0.00
78) Terphenyl-d14	12.97	244	851826	90.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	109420	32.450	ng		94
3) Pyridine	3.50	79	285797	31.331	ng		92
4) n-Nitrosodimethylamine	3.46	42	117870	30.472	ng	#	76
6) Aniline	6.53	93	288281	24.529	ng		98
8) 2-Chlorophenol	6.66	128	302928	37.894	ng		91
9) Benzaldehyde	6.42	77	126980	25.138	ng		95
10) Phenol	6.52	94	363328	37.307	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	274279	36.227	ng		95
12) 1,3-Dichlorobenzene	6.80	146	322339	38.502	ng		97
13) 1,4-Dichlorobenzene	6.88	146	327782	38.481	ng		99
14) 1,2-Dichlorobenzene	7.03	146	303132	38.515	ng		98
15) Benzyl Alcohol	7.01	79	235608	36.881	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	380083	32.222	ng		94
17) 2-Methylphenol	7.12	107	251438	38.441	ng		98
18) Hexachloroethane	7.37	117	108526	35.447	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	187769	33.773	ng		93
20) 3+4-Methylphenols	7.27	107	295827	35.751	ng	#	71
22) Acetophenone	7.27	105	392211	34.671	ng	#	94
24) Nitrobenzene	7.45	77	293143	35.494	ng		95
25) Isophorone	7.69	82	543121	36.081	ng		98
26) 2-Nitrophenol	7.76	139	166530	41.931	ng		90
27) 2,4-Dimethylphenol	7.80	122	281684	37.556	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	350624	37.377	ng		99
29) 2,4-Dichlorophenol	8.00	162	259546	40.305	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	261844	40.655	ng		99
31) Naphthalene	8.17	128	857977	39.125	ng		99
32) Benzoic acid	7.93	122	144529	23.459	ng		94
33) 4-Chloroaniline	8.22	127	190623	20.816	ng		96
34) Hexachlorobutadiene	8.28	225	127947	38.569	ng		99
35) Caprolactam	8.60	113	86402m	41.828	ng		
36) 4-Chloro-3-methylphenol	8.70	107	264831	36.589	ng		93
37) 2-Methylnaphthalene	8.86	142	595668	41.785	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243287	38.334	ng		99
40) Hexachlorocyclopentadiene	9.01	237	88024	30.349	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	171348	38.110	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	177430	39.532	ng	#	91
45) 1,1'-Biphenyl	9.32	154	700088	38.278	ng		99
46) 2-Chloronaphthalene	9.35	162	551003	40.125	ng		98
47) 2-Nitroaniline	9.45	65	155572	36.999	ng		87
48) Acenaphthylene	9.77	152	839367	39.929	ng		100
49) Dimethylphthalate	9.63	163	645175	40.169	ng		100
50) 2,6-Dinitrotoluene	9.69	165	147470	42.174	ng		86
51) Acenaphthene	9.94	154	491988	36.947	ng		98
52) 3-Nitroaniline	9.86	138	116432	28.557	ng		87
53) 2,4-Dinitrophenol	9.97	184	53637	33.144	ng	#	82
54) Dibenzofuran	10.11	168	738695	41.664	ng		100
55) 4-Nitrophenol	10.03	139	213966	62.063	ng		83
56) 2,4-Dinitrotoluene	10.10	165	189012	41.650	ng		90
57) Fluorene	10.46	166	583056	40.914	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	134075	43.244	ng		94
59) Diethylphthalate	10.32	149	621994	39.631	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	261241	40.810	ng		99
61) 4-Nitroaniline	10.48	138	151977	38.636	ng		88
62) Azobenzene	10.60	77	553027	38.323	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	45496	20.333	ng	#	74
65) n-Nitrosodiphenylamine	10.56	169	531133	41.690	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	153709	42.700	ng		90
67) Hexachlorobenzene	11.00	284	153851	40.017	ng	#	88
68) Atrazine	11.09	200	170772	44.552	ng		99
69) Pentachlorophenol	11.20	266	133882	55.953	ng		98
70) Phenanthrene	11.42	178	807469	41.020	ng		99
71) Anthracene	11.47	178	829499	41.184	ng		99
72) Carbazole	11.63	167	766119	38.842	ng		98
73) Di-n-butylphthalate	11.94	149	963539	40.585	ng		99
74) Fluoranthene	12.60	202	735984	36.923	ng		99
76) Benzidine	12.72	184	296007	37.263	ng		98
77) Pyrene	12.83	202	725806	44.317	ng		99
79) Butylbenzylphthalate	13.44	149	351025	45.605	ng		97
80) Benzo(a)anthracene	14.02	228	534395	41.091	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	184723	38.746	ng		99
82) Chrysene	14.06	228	504147	40.718	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	469576	44.306	ng	#	99
84) Di-n-octyl phthalate	14.60	149	705944	41.366	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	436308	44.051	ng		97
87) Benzo(b)fluoranthene	15.07	252	479343	38.681	ng		98
88) Benzo(k)fluoranthene	15.10	252	489511	39.993	ng		99
89) Benzo(a)pyrene	15.44	252	468094	41.150	ng		96
90) Dibenzo(a,h)anthracene	17.01	278	374689	41.159	ng		99
91) Benzo(g,h,i)perylene	17.45	276	349245	38.811	ng		99

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

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