Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF098999.D
Acq On : 2 Oct 2017 15:04
Operator : SJ/JU
Sample : PB102839BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102839BS

Manual Integrations APPROVED
Sohil
10/3/2017 6:50:36 PM

Quant Time: Oct 03 05:19:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	117627	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	488472	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	222846	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	379838	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	243535	20.00	ng		-0.01
86) Perylene-d12	15.56	264	203708	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	910595	123.24	ng		0.00
7) Phenol-d6	6.53	99	1098833	120.55	ng		-0.01
23) Nitrobenzene-d5	7.47	82	669625	87.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.74	330	230304	126.30	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	1239113	92.83	ng		-0.02
78) Terphenyl-d14	13.02	244	981250	91.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	131068	37.133	ng		98
3) Pyridine	3.56	79	359990	37.701	ng		99
4) n-Nitrosodimethylamine	3.51	42	159466	39.384	ng		89
6) Aniline	6.57	93	260871	21.205	ng		97
8) 2-Chlorophenol	6.69	128	339306	40.549	ng		94
9) Benzaldehyde	6.46	77	195334	36.942	ng		95
10) Phenol	6.55	94	413144	40.527	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	317526	40.065	ng		99
12) 1,3-Dichlorobenzene	6.85	146	361012	41.195	ng		97
13) 1,4-Dichlorobenzene	6.92	146	362801	40.690	ng		98
14) 1,2-Dichlorobenzene	7.07	146	335796	40.759	ng		98
15) Benzyl Alcohol	7.04	79	283413	42.382	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	494222	40.026	ng		98
17) 2-Methylphenol	7.15	107	281490	41.113	ng		98
18) Hexachloroethane	7.42	117	130839	40.825	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	224052	38.499	ng		100
20) 3+4-Methylphenols	7.30	107	343748	39.686	ng	#	80
22) Acetophenone	7.31	105	456822	38.600	ng	#	99
24) Nitrobenzene	7.49	77	347889	40.263	ng		96
25) Isophorone	7.72	82	641692	40.748	ng		100
26) 2-Nitrophenol	7.80	139	186288	44.835	ng		96
27) 2,4-Dimethylphenol	7.83	122	314826	40.122	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	409209	41.697	ng		98
29) 2,4-Dichlorophenol	8.04	162	279967	41.557	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	282516	41.928	ng		98
31) Naphthalene	8.21	128	951077	41.456	ng		100
32) Benzoic acid	7.95	122	183181	28.420	ng		99
33) 4-Chloroaniline	8.25	127	129797	13.548	ng		98
34) Hexachlorobutadiene	8.32	225	139643	40.236	ng		98
35) Caprolactam	8.63	113	88553m	40.977	ng		
36) 4-Chloro-3-methylphenol	8.73	107	298430	39.411	ng		98
37) 2-Methylnaphthalene	8.90	142	660421	44.282	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	252361	37.972	ng		99
40) Hexachlorocyclopentadiene	9.05	237	269024	88.577	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	188149	39.962 ng	98
43) 2,4,5-Trichlorophenol	9.22	196	192240	40.903 ng	98
45) 1,1'-Biphenyl	9.36	154	752762	39.304 ng	100
46) 2-Chloronaphthalene	9.39	162	595887	41.439 ng	96
47) 2-Nitroaniline	9.49	65	180954	41.097 ng	93
48) Acenaphthylene	9.81	152	911141	41.391 ng	99
49) Dimethylphthalate	9.66	163	690280	41.041 ng	100
50) 2,6-Dinitrotoluene	9.73	165	153136	41.822 ng	90
51) Acenaphthene	9.98	154	540979	38.796 ng	100
52) 3-Nitroaniline	9.89	138	89030	20.853 ng	98
53) 2,4-Dinitrophenol	10.00	184	134176	71.084 ng	96
54) Dibenzofuran	10.15	168	808826	43.564 ng	100
55) 4-Nitrophenol	10.06	139	259356	71.841 ng	91
56) 2,4-Dinitrotoluene	10.13	165	207899	43.748 ng	87
57) Fluorene	10.49	166	623122	41.756 ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	142925	44.022 ng	98
59) Diethylphthalate	10.36	149	671165	40.838 ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	279287	41.664 ng	99
61) 4-Nitroaniline	10.51	138	162906	39.549 ng	94
62) Azobenzene	10.64	77	655580	43.383 ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	87211	37.737 ng	89
65) n-Nitrosodiphenylamine	10.60	169	552798	42.010 ng	99
66) 4-Bromophenyl-phenylether	10.97	248	162712	43.763 ng	92
67) Hexachlorobenzene	11.04	284	161157	40.584 ng	97
68) Atrazine	11.13	200	167273	42.251 ng	99
69) Pentachlorophenol	11.23	266	168815	68.308 ng	99
70) Phenanthrene	11.46	178	862376	42.415 ng	99
71) Anthracene	11.51	178	898985	43.214 ng	99
72) Carbazole	11.66	167	806142	39.571 ng	99
73) Di-n-butylphthalate	11.99	149	1018493	41.535 ng	99
74) Fluoranthene	12.64	202	845945	41.089 ng	99
76) Benzidine	12.76	184	211468	23.477 ng	97
77) Pyrene	12.87	202	865086	46.584 ng	99
79) Butylbenzylphthalate	13.48	149	387149	44.359 ng	99
80) Benzo(a)anthracene	14.06	228	630492	42.755 ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	128845	23.834 ng	95
82) Chrysene	14.10	228	585686	41.717 ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	512624	42.656 ng	100
84) Di-n-octyl phthalate	14.65	149	806913	41.699 ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	571315	50.871 ng	96
87) Benzo(b)fluoranthene	15.12	252	527043	42.080 ng	99
88) Benzo(k)fluoranthene	15.15	252	523745	42.337 ng	98
89) Benzo(a)pyrene	15.50	252	502100	43.673 ng	97
90) Dibenzo(a,h)anthracene	17.09	278	481272	52.307 ng	96
91) Benzo(g,h,i)perylene	17.53	276	496006	54.537 ng	98

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

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