Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098838.D
Acq On : 26 Sep 2017 17:59
Operator : SJ/JU
Sample : PB102610BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Manual Integrations APPROVED
Sohil
9/27/2017 12:44:59 PM

Quant Time: Sep 27 08:32:03 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	6.92	152	148752	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	633575	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	281247	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	457786	20.00	ng		0.00
75) Chrysene-d12	14.08	240	286292	20.00	ng		0.00
86) Perylene-d12	15.57	264	287150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	797556	85.35	ng		0.00
7) Phenol-d6	6.55	99	970910	84.23	ng		0.00
23) Nitrobenzene-d5	7.48	82	839661	84.99	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	193923	84.26	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1525269	90.54	ng		0.00
78) Terphenyl-d14	13.03	244	1062532	84.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	143047	32.047	ng		98
3) Pyridine	3.55	79	412703	34.178	ng		98
4) n-Nitrosodimethylamine	3.50	42	190483	37.201	ng		93
6) Aniline	6.58	93	432969	27.830	ng		99
8) 2-Chlorophenol	6.70	128	422977	39.971	ng		95
9) Benzaldehyde	6.46	77	94517	14.135	ng		99
10) Phenol	6.56	94	536903	41.647	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	398623	39.774	ng		98
12) 1,3-Dichlorobenzene	6.86	146	429161	38.725	ng		99
13) 1,4-Dichlorobenzene	6.93	146	433168	38.417	ng		99
14) 1,2-Dichlorobenzene	7.09	146	407495	39.112	ng		99
15) Benzyl Alcohol	7.06	79	353159	41.762	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622921	39.893	ng		99
17) 2-Methylphenol	7.16	107	355454	41.053	ng		97
18) Hexachloroethane	7.43	117	137993	34.048	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	279912	38.033	ng		97
20) 3+4-Methylphenols	7.32	107	436103	39.814	ng	#	89
22) Acetophenone	7.33	105	555509	36.189	ng	#	95
24) Nitrobenzene	7.50	77	431555	38.507	ng		99
25) Isophorone	7.74	82	784050	38.385	ng		100
26) 2-Nitrophenol	7.82	139	210703	39.097	ng		90
27) 2,4-Dimethylphenol	7.85	122	394312	38.743	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	508363	39.937	ng		100
29) 2,4-Dichlorophenol	8.05	162	348396	39.870	ng		99
30) 1,2,4-Trichlorobenzene	8.14	180	343096	39.258	ng		99
31) Naphthalene	8.22	128	1152995	38.748	ng		100
32) Benzoic acid	7.96	122	241117	28.841	ng		98
33) 4-Chloroaniline	8.26	127	244915	19.709	ng		99
34) Hexachlorobutadiene	8.33	225	173289	38.496	ng		99
35) Caprolactam	8.64	113	117007m	41.744	ng		
36) 4-Chloro-3-methylphenol	8.75	107	375291	38.210	ng		96
37) 2-Methylnaphthalene	8.91	142	806497	41.692	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	315609	37.628	ng		99
40) Hexachlorocyclopentadiene	9.06	237	82127	21.426	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	232763	39.172	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	245194	41.337	ng		99
45) 1,1'-Biphenyl	9.37	154	925595	38.293	ng		99
46) 2-Chloronaphthalene	9.40	162	720307	39.690	ng		98
47) 2-Nitroaniline	9.50	65	233948	42.099	ng		96
48) Acenaphthylene	9.82	152	1097682	39.510	ng		100
49) Dimethylphthalate	9.67	163	874568	41.201	ng		100
50) 2,6-Dinitrotoluene	9.74	165	188788	40.852	ng		88
51) Acenaphthene	9.99	154	657057	37.336	ng		98
52) 3-Nitroaniline	9.90	138	150904	28.005	ng		99
53) 2,4-Dinitrophenol	10.00	184	15165	11.672	ng	#	64
54) Dibenzofuran	10.16	168	999045	42.636	ng		99
55) 4-Nitrophenol	10.06	139	340099	74.644	ng		95
56) 2,4-Dinitrotoluene	10.14	165	247734	41.306	ng		95
57) Fluorene	10.50	166	753062	39.985	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	175156	42.747	ng		99
59) Diethylphthalate	10.37	149	852548	41.103	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	345227	40.807	ng		99
61) 4-Nitroaniline	10.52	138	180613	34.743	ng		92
62) Azobenzene	10.66	77	806324	42.279	ng		94
64) 4,6-Dinitro-2-methylphenol	10.55	198	14769	5.303	ng		91
65) n-Nitrosodiphenylamine	10.61	169	686183	43.267	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	199937	44.619	ng		92
67) Hexachlorobenzene	11.05	284	193829	40.500	ng		99
68) Atrazine	11.14	200	208576	43.713	ng		99
69) Pentachlorophenol	11.25	266	195134	65.513	ng		98
70) Phenanthrene	11.47	178	1023100	41.752	ng		99
71) Anthracene	11.52	178	1055576	42.101	ng		99
72) Carbazole	11.67	167	959256	39.069	ng		99
73) Di-n-butylphthalate	12.00	149	1295858	43.848	ng		99
74) Fluoranthene	12.66	202	917408	36.973	ng		99
76) Benzidine	12.77	184	667216	63.011	ng		98
77) Pyrene	12.89	202	917649	42.035	ng		99
79) Butylbenzylphthalate	13.49	149	471511	45.956	ng		99
80) Benzo(a)anthracene	14.07	228	732495	42.254	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	267498	42.092	ng		98
82) Chrysene	14.11	228	674542	40.871	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	667220	47.229	ng		99
84) Di-n-octyl phthalate	14.66	149	1092527	48.027	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	579613	43.902	ng		96
87) Benzo(b)fluoranthene	15.13	252	696274	39.437	ng		98
88) Benzo(k)fluoranthene	15.16	252	702386	40.279	ng		98
89) Benzo(a)pyrene	15.51	252	676408	41.738	ng	#	96
90) Dibenzo(a,h)anthracene	17.10	278	502141	38.716	ng		98
91) Benzo(g,h,i)perylene	17.54	276	452844	35.322	ng		95

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

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