Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098739.D
Acq On : 23 Sep 2017 15:16
Operator : SJ/JU
Sample : PB102553BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:08 PM

Quant Time: Sep 25 05:20:36 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	147517	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	629542	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	291631	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	496888	20.00	ng		0.00
75) Chrysene-d12	14.09	240	315882	20.00	ng		0.00
86) Perylene-d12	15.57	264	230797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1235682	133.35	ng		0.01
7) Phenol-d6	6.55	99	1512708	132.33	ng		0.00
23) Nitrobenzene-d5	7.49	82	932013	94.94	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	319218	133.77	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1685061	96.46	ng		0.00
78) Terphenyl-d14	13.03	244	1359424	97.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	158697	35.851	ng		98
3) Pyridine	3.60	79	485569	40.549	ng		98
4) n-Nitrosodimethylamine	3.55	42	226667	44.638	ng		93
6) Aniline	6.59	93	482055	31.244	ng		99
8) 2-Chlorophenol	6.71	128	469696	44.758	ng		97
9) Benzaldehyde	6.47	77	128288	19.346	ng		97
10) Phenol	6.56	94	575144	44.987	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	445463	44.820	ng		98
12) 1,3-Dichlorobenzene	6.86	146	472886	43.028	ng		100
13) 1,4-Dichlorobenzene	6.94	146	481816	43.089	ng		99
14) 1,2-Dichlorobenzene	7.09	146	449310	43.487	ng		99
15) Benzyl Alcohol	7.06	79	410968	49.005	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	712279	45.998	ng		98
17) 2-Methylphenol	7.17	107	411686	47.945	ng		98
18) Hexachloroethane	7.43	117	177354	44.126	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	327931	44.931	ng		99
20) 3+4-Methylphenols	7.32	107	504956	46.485	ng	#	85
22) Acetophenone	7.33	105	645325	42.309	ng	#	95
24) Nitrobenzene	7.50	77	494306	44.389	ng		98
25) Isophorone	7.75	82	919872	45.323	ng		99
26) 2-Nitrophenol	7.82	139	262685	49.055	ng		98
27) 2,4-Dimethylphenol	7.85	122	461896	45.674	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	597790	47.263	ng		99
29) 2,4-Dichlorophenol	8.06	162	406649	46.835	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	390916	45.016	ng		99
31) Naphthalene	8.23	128	1333736	45.109	ng		100
32) Benzoic acid	7.93	122	44987	5.416	ng		91
33) 4-Chloroaniline	8.27	127	293302	23.754	ng		100
34) Hexachlorobutadiene	8.34	225	193275	43.211	ng		99
35) Caprolactam	8.65	113	133758m	48.025	ng		
36) 4-Chloro-3-methylphenol	8.75	107	442824	45.375	ng		97
37) 2-Methylnaphthalene	8.92	142	939590	48.883	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	350061	40.250	ng		99
40) Hexachlorocyclopentadiene	9.07	237	420242	105.731	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	279516	45.366	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	283333	46.066	ng		94
45) 1,1'-Biphenyl	9.38	154	1076621	42.955	ng		100
46) 2-Chloronaphthalene	9.41	162	846456	44.980	ng		97
47) 2-Nitroaniline	9.50	65	276667	48.014	ng		96
48) Acenaphthylene	9.83	152	1291570	44.834	ng		100
49) Dimethylphthalate	9.68	163	994791	45.196	ng		100
50) 2,6-Dinitrotoluene	9.75	165	224663	46.884	ng		89
51) Acenaphthene	10.00	154	795433	43.589	ng		99
52) 3-Nitroaniline	9.91	138	185294	33.163	ng		98
53) 2,4-Dinitrophenol	10.01	184	62505	29.057	ng		89
54) Dibenzofuran	10.17	168	1144841	47.118	ng		99
55) 4-Nitrophenol	10.07	139	402251	85.142	ng		95
56) 2,4-Dinitrotoluene	10.15	165	297839	47.892	ng		98
57) Fluorene	10.51	166	868125	44.453	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	204304	48.085	ng		97
59) Diethylphthalate	10.38	149	973546	45.265	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	395534	45.088	ng		98
61) 4-Nitroaniline	10.53	138	246805	45.786	ng		96
62) Azobenzene	10.66	77	956427	48.364	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	75597	25.006	ng		89
65) n-Nitrosodiphenylamine	10.62	169	791224	45.965	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	230635	47.420	ng		94
67) Hexachlorobenzene	11.06	284	227951	43.882	ng		97
68) Atrazine	11.15	200	231978	44.792	ng		99
69) Pentachlorophenol	11.25	266	210138	64.999	ng		99
70) Phenanthrene	11.47	178	1231522	46.303	ng		99
71) Anthracene	11.53	178	1263695	46.436	ng		100
72) Carbazole	11.67	167	1155721	43.367	ng		99
73) Di-n-butylphthalate	12.00	149	1450552	45.220	ng		100
74) Fluoranthene	12.66	202	1206516	44.798	ng		99
76) Benzidine	12.78	184	420828	36.019	ng		99
77) Pyrene	12.89	202	1247334	51.784	ng		100
79) Butylbenzylphthalate	13.50	149	594343	52.502	ng		94
80) Benzo(a)anthracene	14.07	228	905293	47.330	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	193786	27.637	ng		98
82) Chrysene	14.12	228	854225	46.909	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	802276	51.469	ng	#	100
84) Di-n-octyl phthalate	14.67	149	1210007	48.209	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	678548	46.581	ng		96
87) Benzo(b)fluoranthene	15.13	252	696400m	49.076	ng		
88) Benzo(k)fluoranthene	15.17	252	646130	46.100	ng		99
89) Benzo(a)pyrene	15.51	252	634999	48.750	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	560145	53.734	ng		98
91) Benzo(g,h,i)perylene	17.54	276	576432	55.941	ng		96

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

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