Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104833.D
Acq On : 26 Apr 2018 13:35
Operator : JU/SJ
Sample : PB108622BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 11:45:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108622BS

Manual Integrations APPROVED
Sohil
4/27/2018 6:55:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111804	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	471052	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	218646	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	403865	20.00	ng		0.00
75) Chrysene-d12	13.98	240	249560	20.00	ng		0.00
86) Perylene-d12	15.44	264	236380	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	845952	115.69	ng		0.01
7) Phenol-d6	6.45	99	1036526	115.37	ng		0.00
23) Nitrobenzene-d5	7.37	82	653162	90.54	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	278171	122.65	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1191977	86.12	ng		0.00
78) Terphenyl-d14	12.92	244	1142115	104.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	111953	32.859	ng		88
3) Pyridine	3.31	79	324706	33.897	ng		87
4) n-Nitrosodimethylamine	3.27	42	125789	37.565	ng	#	76
6) Aniline	6.46	93	348244	27.900	ng	#	60
8) 2-Chlorophenol	6.59	128	326579	42.316	ng		96
9) Benzaldehyde	6.35	77	128363	24.877	ng		94
10) Phenol	6.46	94	381170	39.987	ng		79
11) bis(2-Chloroethyl)ether	6.54	93	299954	39.432	ng		93
12) 1,3-Dichlorobenzene	6.74	146	340059	38.894	ng		99
13) 1,4-Dichlorobenzene	6.82	146	344880	39.571	ng		100
14) 1,2-Dichlorobenzene	6.97	146	323106	40.005	ng		99
15) Benzyl Alcohol	6.95	79	260792	38.219	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	351965	34.453	ng		80
17) 2-Methylphenol	7.06	107	271213	40.428	ng	#	92
18) Hexachloroethane	7.30	117	124872	40.185	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	206064	35.100	ng		93
20) 3+4-Methylphenols	7.22	107	320231	38.489	ng	#	76
22) Acetophenone	7.21	105	433309	37.364	ng		98
24) Nitrobenzene	7.39	77	327723	41.148	ng		97
25) Isophorone	7.62	82	597633	39.177	ng		99
26) 2-Nitrophenol	7.70	139	179494	55.358	ng		90
27) 2,4-Dimethylphenol	7.74	122	289890	43.059	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	385045	41.283	ng		99
29) 2,4-Dichlorophenol	7.95	162	272789	42.466	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	279726	39.679	ng		99
31) Naphthalene	8.10	128	926251	39.489	ng		99
32) Benzoic acid	7.86	122	87538m	16.296	ng		
33) 4-Chloroaniline	8.16	127	256577	25.533	ng		97
34) Hexachlorobutadiene	8.22	225	150678	39.021	ng		99
35) Caprolactam	8.53	113	88140m	39.332	ng		
36) 4-Chloro-3-methylphenol	8.65	107	292724	42.498	ng		97
37) 2-Methylnaphthalene	8.80	142	614092	40.474	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	266499	42.579	ng		99
40) Hexachlorocyclopentadiene	8.95	237	183249	52.298	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	181336	41.736	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	194381	39.979	ng		95
45) 1,1'-Biphenyl	9.26	154	724128	39.424	ng		98
46) 2-Chloronaphthalene	9.29	162	579531	39.945	ng		98
47) 2-Nitroaniline	9.39	65	176892	49.303	ng		93
48) Acenaphthylene	9.70	152	859645	37.765	ng		99
49) Dimethylphthalate	9.56	163	697431	40.450	ng		100
50) 2,6-Dinitrotoluene	9.63	165	152419	47.774	ng		93
51) Acenaphthene	9.87	154	506063	36.438	ng		99
52) 3-Nitroaniline	9.80	138	122294	32.742	ng		97
53) 2,4-Dinitrophenol	9.92	184	65674	57.755	ng	#	21
54) Dibenzofuran	10.05	168	758541	39.191	ng		99
55) 4-Nitrophenol	9.98	139	210717	71.819	ng		97
56) 2,4-Dinitrotoluene	10.04	165	196368	46.923	ng	#	98
57) Fluorene	10.39	166	612159	43.453	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	149571	41.235	ng		94
59) Diethylphthalate	10.26	149	766943	44.663	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	281260	44.829	ng		99
61) 4-Nitroaniline	10.42	138	166062	45.471	ng		96
62) Azobenzene	10.55	77	615486	37.517	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	64201	34.992	ng		84
65) n-Nitrosodiphenylamine	10.50	169	553864	39.553	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	173959	40.495	ng	#	88
67) Hexachlorobenzene	10.94	284	193259	39.981	ng		93
68) Atrazine	11.03	200	180550	42.716	ng		99
69) Pentachlorophenol	11.14	266	138324	46.256	ng		97
70) Phenanthrene	11.36	178	880985	39.171	ng		99
71) Anthracene	11.41	178	908270	39.728	ng		99
72) Carbazole	11.57	167	831002	37.197	ng		100
73) Di-n-butylphthalate	11.89	149	1043624	38.242	ng		100
74) Fluoranthene	12.55	202	870534	37.046	ng		97
76) Benzidine	12.67	184	459393	63.445	ng		97
77) Pyrene	12.78	202	850442	45.974	ng		99
79) Butylbenzylphthalate	13.39	149	395875	45.426	ng		95
80) Benzo(a)anthracene	13.97	228	659385	44.227	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	173085	31.137	ng		97
82) Chrysene	14.01	228	626354	40.901	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	508128	45.331	ng		99
84) Di-n-octyl phthalate	14.57	149	737390	39.370	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	683913	52.573	ng		96
87) Benzo(b)fluoranthene	15.02	252	606534	40.627	ng		97
88) Benzo(k)fluoranthene	15.05	252	529350	37.557	ng		98
89) Benzo(a)pyrene	15.39	252	557318	41.722	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	561696	51.198	ng		97
91) Benzo(g,h,i)perylene	17.36	276	587129	55.238	ng		95

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

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