Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103149.D
Acq On : 21 Feb 2018 20:59
Operator : SJ/JU
Sample : PB106711BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106711BS

Quant Time: Feb 22 00:38:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157313	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	649354	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	263406	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	381459	20.00	ng		0.00
75) Chrysene-d12	14.05	240	252509	20.00	ng		0.00
86) Perylene-d12	15.54	264	204721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1209371	116.75	ng		0.02
7) Phenol-d6	6.52	99	1451206	116.35	ng		0.00
23) Nitrobenzene-d5	7.45	82	935959	99.99	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	240197	113.29	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1400732	88.24	ng		0.00
78) Terphenyl-d14	12.99	244	958721	89.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	207851	40.625	ng		90
3) Pyridine	3.50	79	586419	41.485	ng		92
4) n-Nitrosodimethylamine	3.45	42	277875	45.945	ng		100
6) Aniline	6.55	93	390103	21.179	ng		96
8) 2-Chlorophenol	6.67	128	465474	43.648	ng		97
9) Benzaldehyde	6.43	77	296202	31.979	ng		98
10) Phenol	6.53	94	588926	44.060	ng		90
11) bis(2-Chloroethyl)ether	6.62	93	467986	42.076	ng		92
12) 1,3-Dichlorobenzene	6.82	146	492276	39.862	ng		97
13) 1,4-Dichlorobenzene	6.89	146	495338	40.266	ng		98
14) 1,2-Dichlorobenzene	7.05	146	451025	39.363	ng		98
15) Benzyl Alcohol	7.02	79	398945	41.604	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	798536	37.794	ng		99
17) 2-Methylphenol	7.13	107	405117	41.184	ng		97
18) Hexachloroethane	7.39	117	158035	37.463	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	309993	37.696	ng		97
20) 3+4-Methylphenols	7.29	107	458862	37.827	ng	#	63
22) Acetophenone	7.29	105	599614	37.735	ng	#	90
24) Nitrobenzene	7.46	77	510413	46.358	ng		99
25) Isophorone	7.70	82	936267	43.437	ng		97
26) 2-Nitrophenol	7.78	139	246613	53.341	ng		97
27) 2,4-Dimethylphenol	7.82	122	423399	46.495	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	586135	45.905	ng		99
29) 2,4-Dichlorophenol	8.02	162	380637	45.981	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	373778	39.913	ng		100
31) Naphthalene	8.19	128	1275043	40.189	ng		99
32) Benzoic acid	7.94	122	219194	37.711	ng		99
33) 4-Chloroaniline	8.23	127	122800	8.985	ng		99
34) Hexachlorobutadiene	8.29	225	186572	38.879	ng		97
35) Caprolactam	8.62	113	134979	46.951	ng		88
36) 4-Chloro-3-methylphenol	8.72	107	418883	45.035	ng		99
37) 2-Methylnaphthalene	8.87	142	833787	40.141	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	317514	44.271	ng		98
40) Hexachlorocyclopentadiene	9.02	237	30863	9.052	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	230371	48.903	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	243503	45.861	ng		98
45) 1,1'-Biphenyl	9.34	154	926029	41.739	ng		100
46) 2-Chloronaphthalene	9.36	162	746232	42.724	ng		100
47) 2-Nitroaniline	9.46	65	289239	53.255	ng		88
48) Acenaphthylene	9.78	152	1101386	40.599	ng		100
49) Dimethylphthalate	9.63	163	920832	44.835	ng		100
50) 2,6-Dinitrotoluene	9.70	165	194103	49.675	ng		98
51) Acenaphthene	9.95	154	626897	38.641	ng		99
52) 3-Nitroaniline	9.87	138	136306	28.350	ng		94
53) 2,4-Dinitrophenol	9.99	184	34661	41.420	ng	#	20
54) Dibenzofuran	10.12	168	945242	41.343	ng		97
55) 4-Nitrophenol	10.05	139	289663	73.649	ng		94
56) 2,4-Dinitrotoluene	10.11	165	234579	44.970	ng		97
57) Fluorene	10.47	166	694952	41.777	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	162630	44.193	ng		99
59) Diethylphthalate	10.33	149	853324	42.078	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	320126	43.503	ng		98
61) 4-Nitroaniline	10.49	138	182783	39.940	ng		95
62) Azobenzene	10.62	77	828128	40.876	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	30265	25.507	ng		98
65) n-Nitrosodiphenylamine	10.57	169	634807	47.179	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	184049	45.612	ng		96
67) Hexachlorobenzene	11.02	284	185743	41.726	ng		98
68) Atrazine	11.10	200	188254	47.426	ng		99
69) Pentachlorophenol	11.22	266	167924	64.262	ng		99
70) Phenanthrene	11.43	178	871363	41.015	ng		99
71) Anthracene	11.49	178	892479	41.303	ng		99
72) Carbazole	11.64	167	843950	39.867	ng		99
73) Di-n-butylphthalate	11.96	149	1168343	45.435	ng		99
74) Fluoranthene	12.62	202	801560	37.500	ng		98
76) Benzidine	12.75	184	704512	60.706	ng		98
77) Pyrene	12.85	202	814780	41.149	ng		100
79) Butylbenzylphthalate	13.46	149	446248	47.134	ng		100
80) Benzo(a)anthracene	14.04	228	718142	45.222	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	277909	47.198	ng		99
82) Chrysene	14.08	228	665307	41.560	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	602165	49.644	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1042165	57.221	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	501279	37.756	ng		97
87) Benzo(b)fluoranthene	15.11	252	586554	44.192	ng		98
88) Benzo(k)fluoranthene	15.14	252	579555	45.699	ng		99
89) Benzo(a)pyrene	15.49	252	528260	44.216	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	423284	43.650	ng		100
91) Benzo(g,h,i)perylene	17.52	276	414332	43.653	ng		95

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

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