Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103206.D
Acq On : 26 Feb 2018 9:41
Operator : SJ/JU
Sample : PB106745BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Manual Integrations APPROVED
Sohil
2/27/2018 12:22:19 PM

Quant Time: Feb 26 10:47:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167415	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	710941	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	322364	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	560913	20.00	ng		0.00
75) Chrysene-d12	14.05	240	392225	20.00	ng		0.00
86) Perylene-d12	15.54	264	322284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1043812	94.30	ng		0.01
7) Phenol-d6	6.50	99	1241569	91.66	ng		0.00
23) Nitrobenzene-d5	7.43	82	829118	66.60	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	256763	94.10	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1302193	65.91	ng		0.00
78) Terphenyl-d14	12.99	244	1187381	72.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	178423	30.519	ng		92
3) Pyridine	3.50	79	463389	29.689	ng		97
4) n-Nitrosodimethylamine	3.43	42	232052	36.864	ng		98
6) Aniline	6.53	93	353948	18.106	ng		93
8) 2-Chlorophenol	6.66	128	396982	34.523	ng		95
9) Benzaldehyde	6.42	77	237179	26.059	ng		98
10) Phenol	6.52	94	508860	32.362	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	398544	33.395	ng		92
12) 1,3-Dichlorobenzene	6.81	146	416151	31.668	ng		98
13) 1,4-Dichlorobenzene	6.89	146	414495	31.461	ng		99
14) 1,2-Dichlorobenzene	7.04	146	390081	32.110	ng		100
15) Benzyl Alcohol	7.01	79	340875	33.397	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	672212	32.801	ng		98
17) 2-Methylphenol	7.12	107	343502	32.871	ng		97
18) Hexachloroethane	7.38	117	156813	32.695	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	268022	31.794	ng		97
20) 3+4-Methylphenols	7.27	107	390812	30.680	ng	#	68
22) Acetophenone	7.28	105	523529	31.548	ng	#	91
24) Nitrobenzene	7.46	77	448369	32.713	ng		98
25) Isophorone	7.69	82	820654	33.471	ng		99
26) 2-Nitrophenol	7.77	139	220229	34.131	ng		93
27) 2,4-Dimethylphenol	7.80	122	361321	36.635	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	509382	35.336	ng		98
29) 2,4-Dichlorophenol	8.01	162	326930	34.623	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	315846	31.410	ng		98
31) Naphthalene	8.17	128	1122749	32.257	ng		100
32) Benzoic acid	7.93	122	242245	35.252	ng		99
33) 4-Chloroaniline	8.22	127	137606	9.162	ng		96
34) Hexachlorobutadiene	8.29	225	159227	30.408	ng		100
35) Caprolactam	8.60	113	119283m	35.943	ng		
36) 4-Chloro-3-methylphenol	8.71	107	369424	34.686	ng		99
37) 2-Methylnaphthalene	8.87	142	739687	32.883	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279690	31.737	ng		98
40) Hexachlorocyclopentadiene	9.02	237	194759	64.618	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	200353	33.787	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	218813	32.083	ng		97
45) 1,1'-Biphenyl	9.33	154	845582	31.303	ng		98
46) 2-Chloronaphthalene	9.36	162	679809	31.811	ng		100
47) 2-Nitroaniline	9.46	65	263607	33.300	ng		91
48) Acenaphthylene	9.77	152	1042311	31.700	ng		100
49) Dimethylphthalate	9.63	163	825105	31.906	ng		100
50) 2,6-Dinitrotoluene	9.70	165	179719	33.116	ng		97
51) Acenaphthene	9.95	154	600453	31.317	ng		100
52) 3-Nitroaniline	9.86	138	105682	15.349	ng		95
53) 2,4-Dinitrophenol	9.98	184	139364	72.165	ng	#	16
54) Dibenzofuran	10.12	168	915533	34.785	ng		97
55) 4-Nitrophenol	10.04	139	264737	62.039	ng		95
56) 2,4-Dinitrotoluene	10.10	165	238821	34.795	ng		96
57) Fluorene	10.46	166	689469	30.751	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	162844	35.543	ng		97
59) Diethylphthalate	10.33	149	798161	32.270	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	311065	32.716	ng		95
61) 4-Nitroaniline	10.49	138	215929	31.398	ng		92
62) Azobenzene	10.61	77	851793	33.834	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	103149	32.055	ng		96
65) n-Nitrosodiphenylamine	10.57	169	631491	32.334	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	190083	32.532	ng		97
67) Hexachlorobenzene	11.01	284	200488	31.613	ng		97
68) Atrazine	11.10	200	197049	33.568	ng		99
69) Pentachlorophenol	11.21	266	189763	61.883	ng		98
70) Phenanthrene	11.43	178	994622	32.221	ng		99
71) Anthracene	11.48	178	1045538	33.030	ng		99
72) Carbazole	11.63	167	1012416	32.118	ng		99
73) Di-n-butylphthalate	11.95	149	1277683	32.393	ng		99
74) Fluoranthene	12.62	202	1007421	32.477	ng		98
76) Benzidine	12.73	184	303152	20.674	ng		98
77) Pyrene	12.84	202	1013809	33.152	ng		99
79) Butylbenzylphthalate	13.46	149	554443	34.316	ng		97
80) Benzo(a)anthracene	14.04	228	825846	32.451	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	150851	16.609	ng		98
82) Chrysene	14.07	228	803601	32.521	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	748852	34.346	ng		100
84) Di-n-octyl phthalate	14.63	149	1192220	33.844	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	660492	33.763	ng		98
87) Benzo(b)fluoranthene	15.10	252	727926	34.353	ng		98
88) Benzo(k)fluoranthene	15.14	252	660114	33.082	ng		99
89) Benzo(a)pyrene	15.48	252	648938	34.294	ng	#	96
90) Dibenzo(a,h)anthracene	17.07	278	542623	37.111	ng		99
91) Benzo(g,h,i)perylene	17.52	276	562731	39.378	ng		98

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

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