Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102815.D
Acq On : 7 Feb 2018 15:09
Operator : SJ/JU
Sample : J1455-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Manual Integrations APPROVED
Sohil
4/13/2018 4:48:36 PM

Quant Time: Apr 13 16:20:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	192414	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	806157	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	362776	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	636823	20.00	ng		0.01
75) Chrysene-d12	14.05	240	401492	20.00	ng		0.01
86) Perylene-d12	15.53	264	330069	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	755983	59.67	ng		0.01
7) Phenol-d6	6.50	99	569131	37.31	ng		0.00
23) Nitrobenzene-d5	7.45	82	1220776	105.05	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	406717	139.29	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1928704	88.22	ng		0.00
78) Terphenyl-d14	13.00	244	1666778	98.30	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	101416	16.206	ng		86
3) Pyridine	3.49	79	199183	11.520	ng		90
4) n-Nitrosodimethylamine	3.41	42	134168	18.137	ng		95
6) Aniline	6.55	93	349510	15.514	ng		96
8) 2-Chlorophenol	6.67	128	503686	38.615	ng		99
9) Benzaldehyde	6.43	77	205627	18.150	ng		96
10) Phenol	6.52	94	231526	14.244	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	602142	44.261	ng		91
12) 1,3-Dichlorobenzene	6.82	146	608222	40.266	ng		98
13) 1,4-Dichlorobenzene	6.90	146	614658	40.850	ng		99
14) 1,2-Dichlorobenzene	7.06	146	559849	39.947	ng		97
15) Benzyl Alcohol	7.02	79	337225	28.752	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1112489	43.048	ng		98
17) 2-Methylphenol	7.13	107	360285	29.945	ng		100
18) Hexachloroethane	7.39	117	221033	42.838	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	438023	43.548	ng		97
20) 3+4-Methylphenols	7.28	107	370483	24.970	ng	#	78
22) Acetophenone	7.29	105	843847	42.775	ng	#	96
24) Nitrobenzene	7.47	77	668892	48.939	ng		96
25) Isophorone	7.70	82	1257816	47.005	ng		100
26) 2-Nitrophenol	7.78	139	343839	58.838	ng		98
27) 2,4-Dimethylphenol	7.82	122	510790	45.182	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	778608	49.118	ng		100
29) 2,4-Dichlorophenol	8.02	162	482428	46.942	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	489420	42.096	ng		99
31) Naphthalene	8.19	128	1691414	42.943	ng		99
32) Benzoic acid	7.89	122	108618	21.022	ng		99
33) 4-Chloroaniline	8.23	127	225723	13.303	ng		98
34) Hexachlorobutadiene	8.30	225	237657	39.891	ng		98
35) Caprolactam	8.62	113	27503m	7.706	ng		
36) 4-Chloro-3-methylphenol	8.71	107	496370	42.986	ng		96
37) 2-Methylnaphthalene	8.88	142	1152494	44.692	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	429650	43.497	ng		98
40) Hexachlorocyclopentadiene	9.03	237	413937	88.153	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	331181	51.045	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	354257	48.445	ng		98
45) 1,1'-Biphenyl	9.35	154	1327650	43.450	ng		100
46) 2-Chloronaphthalene	9.37	162	1067251	44.366	ng		99
47) 2-Nitroaniline	9.46	65	404180	53.983	ng		87
48) Acenaphthylene	9.79	152	1612491	43.158	ng		99
49) Dimethylphthalate	9.65	163	1278677	45.205	ng		99
50) 2,6-Dinitrotoluene	9.71	165	298397	55.448	ng		93
51) Acenaphthene	9.96	154	983283	44.007	ng		99
52) 3-Nitroaniline	9.87	138	134378	20.294	ng		92
53) 2,4-Dinitrophenol	9.99	184	274085	115.531	ng	#	19
54) Dibenzofuran	10.13	168	1430401	45.426	ng		97
55) 4-Nitrophenol	10.03	139	184561	36.235	ng		92
56) 2,4-Dinitrotoluene	10.11	165	397417	54.611	ng		97
57) Fluorene	10.47	166	1047372	45.716	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	268479m	52.973	ng		
59) Diethylphthalate	10.35	149	1247273	44.657	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	471893	46.562	ng		100
61) 4-Nitroaniline	10.49	138	302366	47.973	ng		91
62) Azobenzene	10.63	77	1245441	44.636	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	184721	63.220	ng		85
65) n-Nitrosodiphenylamine	10.59	169	987176	43.947	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	308589	45.809	ng	#	89
67) Hexachlorobenzene	11.02	284	332334	44.720	ng		92
68) Atrazine	11.12	200	300284	45.314	ng		97
69) Pentachlorophenol	11.22	266	360635	82.668	ng		99
70) Phenanthrene	11.44	178	1551635	43.749	ng		99
71) Anthracene	11.49	178	1588997	44.049	ng		100
72) Carbazole	11.64	167	1548657	43.821	ng		99
73) Di-n-butylphthalate	11.97	149	1869198	43.541	ng		99
74) Fluoranthene	12.63	202	1578847	44.245	ng		99
76) Benzidine	12.74	184	154416	8.368	ng		98
77) Pyrene	12.86	202	1589315	50.481	ng		100
79) Butylbenzylphthalate	13.46	149	776346	51.476	ng		98
80) Benzo(a)anthracene	14.04	228	1229065	48.676	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	242414	25.893	ng		98
82) Chrysene	14.08	228	1157538	45.477	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	979143	50.769	ng		99
84) Di-n-octyl phthalate	14.63	149	1504553	51.955	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1094161	51.830	ng		99
87) Benzo(b)fluoranthene	15.09	252	1070273	50.014	ng		97
88) Benzo(k)fluoranthene	15.13	252	947850	46.356	ng		98
89) Benzo(a)pyrene	15.47	252	949035	49.269	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	890095	56.931	ng		99
91) Benzo(g,h,i)perylene	17.49	276	970650	63.429	ng		98

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

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