Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102813.D
Acq On : 7 Feb 2018 14:14
Operator : SJ/JU
Sample : J1458-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01MSD

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:08 PM

Quant Time: Feb 08 02:30:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	189583	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	807824	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	371578	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	669005	20.00	ng		0.00
75) Chrysene-d12	14.05	240	461942	20.00	ng		0.00
86) Perylene-d12	15.53	264	374007	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1620608	129.82	ng		0.02
7) Phenol-d6	6.52	99	1977450	131.56	ng		0.01
23) Nitrobenzene-d5	7.45	82	1273904	109.39	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	440543	147.30	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1930407	86.21	ng		0.00
78) Terphenyl-d14	13.00	244	1835270	94.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	258219	41.879	ng	#	86
3) Pyridine	3.49	79	753437	44.228	ng		89
4) n-Nitrosodimethylamine	3.44	42	370947	50.894	ng		97
6) Aniline	6.55	93	644819	29.049	ng		98
8) 2-Chlorophenol	6.67	128	632033	49.178	ng		94
9) Benzaldehyde	6.43	77	210659	18.872	ng		96
10) Phenol	6.53	94	915969	56.863	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	622335	46.429	ng		91
12) 1,3-Dichlorobenzene	6.82	146	646447	43.436	ng		98
13) 1,4-Dichlorobenzene	6.90	146	657559	44.354	ng		99
14) 1,2-Dichlorobenzene	7.06	146	600922	43.518	ng		97
15) Benzyl Alcohol	7.02	79	562952	48.714	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1131503	44.438	ng		98
17) 2-Methylphenol	7.13	107	559241	47.175	ng		99
18) Hexachloroethane	7.39	117	242307	47.663	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	441522	44.552	ng		95
20) 3+4-Methylphenols	7.29	107	635840	43.494	ng	#	81
22) Acetophenone	7.29	105	859071	43.457	ng	#	92
24) Nitrobenzene	7.47	77	687488	50.198	ng		97
25) Isophorone	7.70	82	1300392	48.496	ng		99
26) 2-Nitrophenol	7.78	139	367964	62.248	ng		96
27) 2,4-Dimethylphenol	7.82	122	589936	52.075	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	805538	50.712	ng		99
29) 2,4-Dichlorophenol	8.02	162	536072	52.054	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	517581	44.426	ng		98
31) Naphthalene	8.19	128	1755600	44.481	ng		99
32) Benzoic acid	7.86	122	20090m	10.951	ng		
33) 4-Chloroaniline	8.23	127	308061	18.118	ng		99
34) Hexachlorobutadiene	8.30	225	257182	43.079	ng		100
35) Caprolactam	8.61	113	198260m	55.434	ng		
36) 4-Chloro-3-methylphenol	8.72	107	611931	52.885	ng		99
37) 2-Methylnaphthalene	8.88	142	1186462	45.915	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	441195	43.607	ng		98
40) Hexachlorocyclopentadiene	9.03	237	442971	92.101	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	358708	53.978	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	381667	50.957	ng		99
45) 1,1'-Biphenyl	9.35	154	1360853	43.482	ng		99
46) 2-Chloronaphthalene	9.37	162	1104573	44.830	ng		100
47) 2-Nitroaniline	9.46	65	431805	56.157	ng		87
48) Acenaphthylene	9.79	152	1671728	43.684	ng		99
49) Dimethylphthalate	9.65	163	1507892	52.045	ng		99
50) 2,6-Dinitrotoluene	9.71	165	307093	55.712	ng		94
51) Acenaphthene	9.96	154	1062034	46.406	ng		100
52) 3-Nitroaniline	9.87	138	254992	37.596	ng		96
53) 2,4-Dinitrophenol	9.98	184	134415	75.521	ng	#	20
54) Dibenzofuran	10.13	168	1476281	45.773	ng		98
55) 4-Nitrophenol	10.04	139	575626	102.106	ng		93
56) 2,4-Dinitrotoluene	10.11	165	418617	56.074	ng		96
57) Fluorene	10.47	166	1090502	46.471	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	289127	55.695	ng		99
59) Diethylphthalate	10.35	149	1284561	44.902	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	478593	46.104	ng		99
61) 4-Nitroaniline	10.50	138	364661	56.486	ng		94
62) Azobenzene	10.62	77	1280928	44.820	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	186699	61.430	ng		89
65) n-Nitrosodiphenylamine	10.59	169	1036618	43.929	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	319426	45.137	ng	#	89
67) Hexachlorobenzene	11.02	284	338627	43.374	ng		92
68) Atrazine	11.11	200	334612	48.065	ng		98
69) Pentachlorophenol	11.22	266	376505	82.154	ng		98
70) Phenanthrene	11.44	178	1611877	43.261	ng		99
71) Anthracene	11.49	178	1668173	44.020	ng		99
72) Carbazole	11.65	167	1627996	43.850	ng		99
73) Di-n-butylphthalate	11.97	149	2000938	44.368	ng		100
74) Fluoranthene	12.63	202	1669215	44.528	ng		99
76) Benzidine	12.74	184	382959	18.038	ng		98
77) Pyrene	12.86	202	1693559	46.753	ng		100
79) Butylbenzylphthalate	13.47	149	878656	50.652	ng		95
80) Benzo(a)anthracene	14.04	228	1360842	46.842	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	342904	31.834	ng		97
82) Chrysene	14.08	228	1311538	44.784	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1105550	49.822	ng		99
84) Di-n-octyl phthalate	14.64	149	1716339	51.512	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1086473	44.731	ng		99
87) Benzo(b)fluoranthene	15.10	252	1146890	47.298	ng		97
88) Benzo(k)fluoranthene	15.13	252	1122949	48.468	ng		99
89) Benzo(a)pyrene	15.47	252	1054212	48.300	ng	#	97
90) Dibenzo(a,h)anthracene	17.05	278	891052	50.297	ng		99
91) Benzo(g,h,i)perylene	17.49	276	939257	54.167	ng		97

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

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