Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107536.D
Acq On : 20 Jul 2018 20:58
Operator : JU/SJ
Sample : J4054-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:39 PM

Quant Time: Jul 21 00:13:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	349444	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1334548	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	600700	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1100815	20.00	ng		0.00
75) Chrysene-d12	14.16	240	705646	20.00	ng		0.00
86) Perylene-d12	15.69	264	828432	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2263887	104.16	ng		0.00
7) Phenol-d6	6.61	99	2644640	101.34	ng		0.00
23) Nitrobenzene-d5	7.54	82	1660766	83.98	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	749921	109.78	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2699367	74.33	ng		0.00
78) Terphenyl-d14	13.09	244	2271235	82.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	262586	25.957	ng	#	84
3) Pyridine	3.66	79	723555	26.291	ng	#	84
4) n-Nitrosodimethylamine	3.62	42	380536	32.785	ng		97
6) Aniline	6.65	93	878226	26.092	ng	#	88
8) 2-Chlorophenol	6.77	128	748373	32.140	ng		95
9) Benzaldehyde	6.53	77	344481	18.596	ng		96
10) Phenol	6.62	94	982041	31.997	ng		90
11) bis(2-Chloroethyl)ether	6.71	93	792665	31.151	ng		90
12) 1,3-Dichlorobenzene	6.91	146	796218	30.159	ng		96
13) 1,4-Dichlorobenzene	6.99	146	831439	30.727	ng		97
14) 1,2-Dichlorobenzene	7.14	146	743341	30.612	ng		99
15) Benzyl Alcohol	7.12	79	604527	33.989	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1289352	30.035	ng		88
17) 2-Methylphenol	7.22	107	644045	32.542	ng		96
18) Hexachloroethane	7.48	117	292504	30.820	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	515743	30.591	ng		98
20) 3+4-Methylphenols	7.38	107	787371	33.505	ng	#	67
22) Acetophenone	7.38	105	1054913	33.658	ng	#	90
24) Nitrobenzene	7.56	77	799422	35.296	ng		98
25) Isophorone	7.79	82	1458972	34.555	ng		99
26) 2-Nitrophenol	7.87	139	385785	40.335	ng		95
27) 2,4-Dimethylphenol	7.91	122	680094	37.564	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	963401	34.143	ng		99
29) 2,4-Dichlorophenol	8.12	162	650818	35.170	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	661022	31.804	ng		100
31) Naphthalene	8.28	128	2042285	34.800	ng		98
32) Benzoic acid	7.99	122	103413	14.735	ng		96
33) 4-Chloroaniline	8.33	127	445137	17.354	ng		98
34) Hexachlorobutadiene	8.39	225	385238	31.193	ng		100
35) Caprolactam	8.70	113	203437m	33.799	ng		
36) 4-Chloro-3-methylphenol	8.81	107	702959	34.198	ng		98
37) 2-Methylnaphthalene	8.97	142	1449848	35.652	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	654251	32.654	ng		98
40) Hexachlorocyclopentadiene	9.12	237	670221	65.804	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	442181	34.479	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	487157	36.345	ng		97
45) 1,1'-Biphenyl	9.44	154	1710905	32.696	ng		98
46) 2-Chloronaphthalene	9.47	162	1272963	31.826	ng		98
47) 2-Nitroaniline	9.57	65	445966	38.245	ng		92
48) Acenaphthylene	9.88	152	2079539	34.610	ng		96
49) Dimethylphthalate	9.74	163	1741611	38.469	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	334537	37.218	ng		92
51) Acenaphthene	10.05	154	1201642	31.919	ng		99
52) 3-Nitroaniline	9.98	138	268290	24.535	ng		98
53) 2,4-Dinitrophenol	10.08	184	182101	52.784	ng	#	23
54) Dibenzofuran	10.22	168	1809056	32.641	ng		96
55) 4-Nitrophenol	10.14	139	534123	65.240	ng		94
56) 2,4-Dinitrotoluene	10.21	165	422112	38.905	ng	#	98
57) Fluorene	10.57	166	1387387	35.088	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	397270	35.613	ng		89
59) Diethylphthalate	10.43	149	1571821	33.243	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	689561	30.849	ng		97
61) 4-Nitroaniline	10.60	138	344675	37.517	ng		98
62) Azobenzene	10.72	77	1431937	32.297	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	158019	33.038	ng		94
65) n-Nitrosodiphenylamine	10.68	169	1258216	33.654	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	431796	33.322	ng	#	88
67) Hexachlorobenzene	11.11	284	447243	31.367	ng		91
68) Atrazine	11.20	200	393780	34.497	ng		95
69) Pentachlorophenol	11.31	266	461558	51.826	ng		98
70) Phenanthrene	11.54	178	1800699	33.568	ng		97
71) Anthracene	11.59	178	1851153	34.274	ng		97
72) Carbazole	11.75	167	1729569	30.795	ng		98
73) Di-n-butylphthalate	12.06	149	2112873	33.989	ng		98
74) Fluoranthene	12.73	202	1761931	30.609	ng		97
76) Benzidine	12.85	184	581244	28.603	ng		97
77) Pyrene	12.96	202	1707111	35.368	ng		98
79) Butylbenzylphthalate	13.57	149	773801	37.278	ng		92
80) Benzo(a)anthracene	14.15	228	1395051	33.736	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	403952	29.955	ng		98
82) Chrysene	14.18	228	1311802	33.024	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1030720	35.192	ng		98
84) Di-n-octyl phthalate	14.74	149	1695108	37.234	ng		100
85) Indeno(1,2,3-cd)pyrene	17.27	276	1824105	54.182	ng		95
87) Benzo(b)fluoranthene	15.24	252	1435477	31.661	ng		98
88) Benzo(k)fluoranthene	15.27	252	1351163	30.418	ng		98
89) Benzo(a)pyrene	15.62	252	1399752	33.751	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	1488935	41.532	ng		98
91) Benzo(g,h,i)perylene	17.75	276	1511298	42.737	ng		95

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

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