Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104372.D
Acq On : 9 Apr 2018 15:17
Operator : JU/SJ
Sample : J2256-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Manual Integrations APPROVED
Sohil
4/10/2018 12:00:18 PM

Quant Time: Apr 10 01:58:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142500	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	574937	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	258120	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	443077	20.00	ng		0.00
75) Chrysene-d12	13.97	240	261906	20.00	ng		0.00
86) Perylene-d12	15.44	264	305701	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1199762	128.74	ng		0.02
7) Phenol-d6	6.45	99	1494797	130.54	ng		0.02
23) Nitrobenzene-d5	7.37	82	930535	105.68	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	358126	133.75	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1462223	89.49	ng		0.00
78) Terphenyl-d14	12.92	244	1190399	103.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	164096	37.789	ng		90
3) Pyridine	3.30	79	441907	36.195	ng		88
4) n-Nitrosodimethylamine	3.26	42	201312	47.169	ng		84
6) Aniline	6.47	93	518339	32.582	ng		97
8) 2-Chlorophenol	6.59	128	457279	46.488	ng		96
9) Benzaldehyde	6.35	77	139319	20.308	ng		98
10) Phenol	6.46	94	603553	49.677	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	446392	46.042	ng		93
12) 1,3-Dichlorobenzene	6.75	146	465439	41.767	ng		99
13) 1,4-Dichlorobenzene	6.82	146	473325	42.610	ng		99
14) 1,2-Dichlorobenzene	6.98	146	436846	42.437	ng		98
15) Benzyl Alcohol	6.95	79	385689	44.347	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	568880	43.691	ng		94
17) 2-Methylphenol	7.06	107	392247	45.875	ng		97
18) Hexachloroethane	7.32	117	171091	43.199	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	307608	41.110	ng		93
20) 3+4-Methylphenols	7.22	107	444196	41.888	ng	#	75
22) Acetophenone	7.22	105	602047	42.534	ng		97
24) Nitrobenzene	7.39	77	477389	49.109	ng		99
25) Isophorone	7.63	82	881242	47.330	ng		99
26) 2-Nitrophenol	7.70	139	249068	62.936	ng		98
27) 2,4-Dimethylphenol	7.75	122	412953	50.255	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	555406	48.789	ng		100
29) 2,4-Dichlorophenol	7.95	162	380228	48.496	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	372854	43.332	ng		98
31) Naphthalene	8.12	128	1267321	44.267	ng		100
32) Benzoic acid	7.87	122	308048	46.984	ng		98
33) 4-Chloroaniline	8.16	127	287904	23.474	ng		99
34) Hexachlorobutadiene	8.23	225	196920	41.782	ng		99
35) Caprolactam	8.54	113	126936m	46.410	ng		
36) 4-Chloro-3-methylphenol	8.65	107	406624	48.367	ng		98
37) 2-Methylnaphthalene	8.80	142	825013	44.551	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	344369	46.606	ng		99
40) Hexachlorocyclopentadiene	8.96	237	277187	67.009	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	260058	50.701	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	273761	47.695	ng		98
45) 1,1'-Biphenyl	9.27	154	973605	44.900	ng		100
46) 2-Chloronaphthalene	9.29	162	767058	44.785	ng		99
47) 2-Nitroaniline	9.39	65	246504	58.198	ng		97
48) Acenaphthylene	9.71	152	1170096	43.542	ng		99
49) Dimethylphthalate	9.57	163	1015063	49.869	ng		99
50) 2,6-Dinitrotoluene	9.63	165	211334	56.110	ng		99
51) Acenaphthene	9.88	154	701880	42.808	ng		99
52) 3-Nitroaniline	9.80	138	150189	34.061	ng		99
53) 2,4-Dinitrophenol	9.91	184	176970	100.987	ng	#	18
54) Dibenzofuran	10.06	168	1030492	45.099	ng		99
55) 4-Nitrophenol	9.96	139	376500	108.699	ng		99
56) 2,4-Dinitrotoluene	10.04	165	273498	55.359	ng		97
57) Fluorene	10.40	166	751050	45.158	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	212932	49.726	ng		95
59) Diethylphthalate	10.27	149	880058	43.413	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	340687	45.997	ng		97
61) 4-Nitroaniline	10.42	138	206084	47.800	ng		97
62) Azobenzene	10.55	77	840176	43.381	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	113250	51.796	ng		78
65) n-Nitrosodiphenylamine	10.51	169	730450	47.547	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	220756	46.841	ng		91
67) Hexachlorobenzene	10.94	284	240241	45.303	ng		97
68) Atrazine	11.04	200	224358	48.383	ng		99
69) Pentachlorophenol	11.13	266	263377	80.280	ng		97
70) Phenanthrene	11.36	178	1072436	43.463	ng		99
71) Anthracene	11.41	178	1103016	43.976	ng		100
72) Carbazole	11.57	167	1027775	41.934	ng		99
73) Di-n-butylphthalate	11.90	149	1300438	43.435	ng		99
74) Fluoranthene	12.54	202	989080	38.366	ng		99
76) Benzidine	12.67	184	287505	30.018	ng		98
77) Pyrene	12.77	202	952849	49.082	ng		100
79) Butylbenzylphthalate	13.40	149	464438	50.781	ng		99
80) Benzo(a)anthracene	13.97	228	712070	45.510	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	253052	43.376	ng		99
82) Chrysene	14.00	228	718787	44.725	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	579435	49.255	ng		99
84) Di-n-octyl phthalate	14.58	149	980468	49.880	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	969542	71.016	ng		98
87) Benzo(b)fluoranthene	15.02	252	792551	41.049	ng		98
88) Benzo(k)fluoranthene	15.04	252	779668	42.773	ng		100
89) Benzo(a)pyrene	15.38	252	808058	46.775	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	799877	56.376	ng		98
91) Benzo(g,h,i)perylene	17.33	276	776489	56.488	ng		97

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

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