Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114858.D
Acq On : 6 Jun 2019 13:03
Operator : HP/JU
Sample : K3150-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 07 00:22:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Manual Integrations APPROVED
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6/7/2019 2:11:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	448905	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1797185	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	906988	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1690862	20.00	ng		0.00
76) Chrysene-d12	13.80	240	870407	20.00	ng		0.01
87) Perylene-d12	15.19	264	1065002	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2909602	113.26	ng		0.04
7) Phenol-d6	6.32	99	3285058	105.09	ng		0.02
23) Nitrobenzene-d5	7.23	82	2500546	85.65	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	1095042	112.03	ng		0.01
45) 2-Fluorobiphenyl	9.03	172	4694562	96.96	ng		0.00
79) Terphenyl-d14	12.76	244	4075848	91.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	413356m	33.700	ng		
3) Pyridine	3.32	79	956395m	28.371	ng		
4) n-Nitrosodimethylamine	3.13	42	479938	38.901	ng		99
6) Aniline	6.33	93	249465	5.624	ng	#	1
8) 2-Chlorophenol	6.46	128	1207403	40.677	ng		98
9) Benzaldehyde	6.21	77	385412	17.774	ng		97
10) Phenol	6.33	94	1195704	33.448	ng		77
11) bis(2-Chloroethyl)ether	6.41	93	1168344	41.877	ng		97
12) 1,3-Dichlorobenzene	6.61	146	1325281	38.316	ng		99
13) 1,4-Dichlorobenzene	6.69	146	1349961	38.788	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1216251	38.695	ng		100
15) Benzyl Alcohol	6.82	79	954188	40.364	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1615590	40.490	ng		97
17) 2-Methylphenol	6.93	107	1044971	41.185	ng		97
18) Hexachloroethane	7.18	117	499357	38.120	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	855238	41.330	ng		99
20) 3+4-Methylphenols	7.09	107	1192000	42.594	ng		90
22) Acetophenone	7.08	105	1745768	44.121	ng	#	98
24) Nitrobenzene	7.25	77	1297410	42.897	ng		99
25) Isophorone	7.50	82	2498123	43.283	ng		99
26) 2-Nitrophenol	7.57	139	730705	44.607	ng		95
27) 2,4-Dimethylphenol	7.62	122	1177340	47.287	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1597070	43.288	ng		99
29) 2,4-Dichlorophenol	7.82	162	1163988	44.436	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1258623	41.876	ng		99
31) Naphthalene	7.97	128	3711867	45.877	ng		99
32) Benzoic acid	7.74	122	494398	27.264	ng		98
33) 4-Chloroaniline	8.02	127	118610	3.073	ng		96
34) Hexachlorobutadiene	8.10	225	685665	40.126	ng		98
35) Caprolactam	8.40	113	251637m	29.407	ng		
36) 4-Chloro-3-methylphenol	8.51	107	1179400	45.248	ng		98
37) 2-Methylnaphthalene	8.66	142	2606342	46.442	ng		100
38) 1-Methylnaphthalene	8.76	142	2468298	46.378	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1091775	41.770	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1112509	70.179 ng	100
43) 2,4,6-Trichlorophenol	8.95	196	944052	46.449 ng	99
44) 2,4,5-Trichlorophenol	8.99	196	767931	37.517 ng	97
46) 1,1'-Biphenyl	9.13	154	2982710	44.371 ng	98
47) 2-Chloronaphthalene	9.15	162	2371963	41.526 ng	100
48) 2-Nitroaniline	9.25	65	685776	40.231 ng	99
49) Acenaphthylene	9.56	152	3614495	43.636 ng	100
50) Dimethylphthalate	9.44	163	2450089	36.986 ng	99
51) 2,6-Dinitrotoluene	9.49	165	608284	39.045 ng	99
52) Acenaphthene	9.73	154	2291758	42.236 ng	99
53) 3-Nitroaniline	9.65	138	93561	5.141 ng	94
54) 2,4-Dinitrophenol	9.76	184	268200	38.045 ng	91
55) Dibenzofuran	9.91	168	3092145	40.981 ng	99
56) 4-Nitrophenol	9.83	139	885949	66.435 ng	98
57) 2,4-Dinitrotoluene	9.90	165	788651	40.269 ng	97
58) Fluorene	10.25	166	2182424	45.164 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	675715	40.294 ng	100
60) Diethylphthalate	10.13	149	2560572	38.521 ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	1107908	38.337 ng	97
62) 4-Nitroaniline	10.27	138	606645	34.367 ng	99
63) Azobenzene	10.40	77	2281407	40.320 ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	235057	26.762 ng	89
66) n-Nitrosodiphenylamine	10.36	169	2213090	43.285 ng	99
67) 4-Bromophenyl-phenylether	10.73	248	795628	41.430 ng	99
68) Hexachlorobenzene	10.80	284	840053	39.970 ng	98
69) Atrazine	10.89	200	729948	41.050 ng	98
70) Pentachlorophenol	10.99	266	813068	66.919 ng	99
71) Phenanthrene	11.20	178	3394712	42.055 ng	99
72) Anthracene	11.26	178	3370180	39.673 ng	99
73) Carbazole	11.40	167	3073150	42.200 ng	100
74) Di-n-butylphthalate	11.75	149	3785879	39.526 ng	100
75) Fluoranthene	12.38	202	3384278	40.282 ng	98
77) Benzidine	12.50	184	397736	9.230 ng	95
78) Pyrene	12.61	202	3312692	43.872 ng	99
80) Butylbenzylphthalate	13.23	149	1744672	45.756 ng	99
81) Benzo(a)anthracene	13.79	228	2757176	41.107 ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	319629	11.752 ng	99
83) Chrysene	13.83	228	2802997	42.958 ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2068872	42.909 ng	100
85) Di-n-octyl phthalate	14.41	149	3673744	44.842 ng	100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2710645	36.410 ng	99
88) Benzo(b)fluoranthene	14.80	252	3043358	44.887 ng	99
89) Benzo(k)fluoranthene	14.83	252	2376396	41.274 ng	99
90) Benzo(a)pyrene	15.13	252	2590642	44.146 ng	100
91) Dibenzo(a,h)anthracene	16.52	278	2227026	40.073 ng	99
92) Benzo(g,h,i)perylene	16.90	276	2232001	39.939 ng	98

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

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