Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114901.D
Acq On : 7 Jun 2019 20:12
Operator : HP/JU
Sample : K3174-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-03-008-ABCDMS

Quant Time: Jun 08 06:17:55 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	382648	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	1498911	20.00	ng		-0.01
39) Acenaphthene-d10	9.69	164	737144	20.00	ng		-0.01
64) Phenanthrene-d10	11.16	188	1427709	20.00	ng		0.00
76) Chrysene-d12	13.79	240	855070	20.00	ng		0.00
87) Perylene-d12	15.16	264	955383	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2690539	122.86	ng		0.02
7) Phenol-d6	6.31	99	3353157	125.84	ng		0.00
23) Nitrobenzene-d5	7.23	82	2148057	88.22	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	939789	118.30	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3278793	83.32	ng		0.00
79) Terphenyl-d14	12.74	244	3450371	78.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	401173	38.370	ng		99
3) Pyridine	3.06	79	895060	31.150	ng		98
4) n-Nitrosodimethylamine	3.00	42	463674	44.091	ng		98
6) Aniline	6.33	93	658300	17.411	ng	#	1
8) 2-Chlorophenol	6.45	128	1110501	43.890	ng		98
9) Benzaldehyde	6.20	77	375352	20.308	ng		99
10) Phenol	6.32	94	1291986	42.399	ng		89
11) bis(2-Chloroethyl)ether	6.40	93	1014917	42.677	ng		98
12) 1,3-Dichlorobenzene	6.60	146	1197553	40.618	ng		100
13) 1,4-Dichlorobenzene	6.68	146	1202630	40.538	ng		100
14) 1,2-Dichlorobenzene	6.83	146	1114697	41.605	ng		99
15) Benzyl Alcohol	6.81	79	867351	43.044	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1388847	40.834	ng		99
17) 2-Methylphenol	6.93	107	944382	43.666	ng		99
18) Hexachloroethane	7.17	117	442189	39.601	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	724304	41.063	ng		98
20) 3+4-Methylphenols	7.08	107	1051296	44.071	ng		97
22) Acetophenone	7.07	105	1480095	44.850	ng	#	98
24) Nitrobenzene	7.25	77	1127380	44.693	ng		100
25) Isophorone	7.49	82	2082728	43.266	ng		98
26) 2-Nitrophenol	7.56	139	658865	48.225	ng		100
27) 2,4-Dimethylphenol	7.61	122	989212	47.637	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1310642	42.593	ng		100
29) 2,4-Dichlorophenol	7.80	162	978809	44.803	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	1063076	42.408	ng		99
31) Naphthalene	7.96	128	3070314	45.499	ng		99
32) Benzoic acid	7.75	122	575666	38.063	ng		99
33) 4-Chloroaniline	8.01	127	264844	8.227	ng		98
34) Hexachlorobutadiene	8.09	225	562023	39.435	ng		99
35) Caprolactam	8.45	113	275580m	38.614	ng		
36) 4-Chloro-3-methylphenol	8.50	107	1025862	47.189	ng		98
37) 2-Methylnaphthalene	8.66	142	2114460	45.175	ng		99
38) 1-Methylnaphthalene	8.75	142	2002479	45.113	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	885263	41.672	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1000006	77.616	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	733562	44.408	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	740022	44.484	ng		100
46) 1,1'-Biphenyl	9.12	154	2411239	44.135	ng		98
47) 2-Chloronaphthalene	9.14	162	1972015	42.479	ng		99
48) 2-Nitroaniline	9.23	65	593197	42.819	ng		100
49) Acenaphthylene	9.55	152	3022651	44.899	ng		100
50) Dimethylphthalate	9.43	163	2820920	52.396	ng		99
51) 2,6-Dinitrotoluene	9.48	165	560327	44.254	ng		97
52) Acenaphthene	9.72	154	1806944	40.974	ng		99
53) 3-Nitroaniline	9.64	138	257197	17.389	ng		98
54) 2,4-Dinitrophenol	9.75	184	613143	107.015	ng		96
55) Dibenzofuran	9.90	168	2589169	42.222	ng		99
56) 4-Nitrophenol	9.82	139	1023544	94.437	ng		92
57) 2,4-Dinitrotoluene	9.88	165	741321	46.574	ng	#	87
58) Fluorene	10.24	166	1862052	47.988	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	616013	45.197	ng		99
60) Diethylphthalate	10.12	149	2241111	41.484	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	905240	38.542	ng		99
62) 4-Nitroaniline	10.26	138	633481	44.157	ng		99
63) Azobenzene	10.39	77	1997373	43.434	ng		98
65) 4,6-Dinitro-2-methylphenol	10.29	198	375768	50.668	ng		92
66) n-Nitrosodiphenylamine	10.35	169	1848445	42.817	ng		99
67) 4-Bromophenyl-phenylether	10.72	248	634534	39.132	ng		98
68) Hexachlorobenzene	10.79	284	691616	38.972	ng		98
69) Atrazine	10.88	200	603143	40.171	ng		99
70) Pentachlorophenol	10.97	266	831679	81.068	ng		98
71) Phenanthrene	11.19	178	2925743	42.926	ng		99
72) Anthracene	11.24	178	3056304	42.609	ng		99
73) Carbazole	11.39	167	2839884	46.185	ng		100
74) Di-n-butylphthalate	11.73	149	3179770	39.317	ng		99
75) Fluoranthene	12.37	202	3002618	42.327	ng		99
77) Benzidine	12.49	184	575010	13.584	ng		99
78) Pyrene	12.59	202	3094763	41.721	ng		99
80) Butylbenzylphthalate	13.22	149	1493677	39.876	ng		95
81) Benzo(a)anthracene	13.77	228	2661135	40.386	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	603666	22.594	ng		99
83) Chrysene	13.82	228	2647928	41.310	ng		100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1719640	36.305	ng		100
85) Di-n-octyl phthalate	14.39	149	3144302	39.068	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	2407362	32.916	ng		99
88) Benzo(b)fluoranthene	14.78	252	2792776	45.918	ng		99
89) Benzo(k)fluoranthene	14.80	252	2228255	43.141	ng		99
90) Benzo(a)pyrene	15.10	252	2403608	45.659	ng		99
91) Dibenzo(a,h)anthracene	16.48	278	1975096	39.618	ng		99
92) Benzo(g,h,i)perylene	16.86	276	2028675	40.465	ng		98

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

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