Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113350.D
Acq On : 28 Mar 2019 1:35
Operator : JU/SJ
Sample : K2086-08MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-11MS

Quant Time: Mar 28 04:31:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172348	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	639757	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	297378	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	534295	20.00	ng		0.00
76) Chrysene-d12	13.84	240	399539	20.00	ng		0.00
87) Perylene-d12	15.24	264	356860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1161267	110.17	ng		0.02
7) Phenol-d6	6.36	99	1367380	102.55	ng		0.00
23) Nitrobenzene-d5	7.27	82	1027011	95.28	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	427838	116.47	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1807535	97.96	ng		0.00
79) Terphenyl-d14	12.79	244	1685869	93.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	172164	32.193	ng	#	83
3) Pyridine	3.20	79	346775	26.303	ng		95
4) n-Nitrosodimethylamine	3.10	42	192747	32.887	ng		87
6) Aniline	6.37	93	269868	16.619	ng	#	50
8) 2-Chlorophenol	6.50	128	447835	36.587	ng		96
9) Benzaldehyde	6.25	77	76812	8.584	ng		96
10) Phenol	6.37	94	457675	30.065	ng		86
11) bis(2-Chloroethyl)ether	6.45	93	442737	37.942	ng		99
12) 1,3-Dichlorobenzene	6.65	146	490864	37.204	ng		99
13) 1,4-Dichlorobenzene	6.72	146	497788	39.075	ng		99
14) 1,2-Dichlorobenzene	6.87	146	453085	36.152	ng		99
15) Benzyl Alcohol	6.86	79	353284	40.161	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	673705	38.432	ng		88
17) 2-Methylphenol	6.97	107	364775	38.027	ng		97
18) Hexachloroethane	7.22	117	162261	35.462	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	310951	37.125	ng		98
20) 3+4-Methylphenols	7.13	107	451821	40.210	ng		98
22) Acetophenone	7.12	105	629811	43.167	ng		97
24) Nitrobenzene	7.29	77	483364	42.975	ng		95
25) Isophorone	7.53	82	859681	41.155	ng		98
26) 2-Nitrophenol	7.60	139	218926	36.824	ng		94
27) 2,4-Dimethylphenol	7.65	122	413578	48.359	ng		100
28) bis(2-Chloroethoxy)methane	7.74	93	559550	42.537	ng		99
29) 2,4-Dichlorophenol	7.85	162	389541	42.032	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	423380	42.342	ng		99
31) Naphthalene	8.01	128	1316480	42.109	ng		99
32) Benzoic acid	7.76	122	57154	8.302	ng		95
33) 4-Chloroaniline	8.06	127	182362	14.959	ng		99
34) Hexachlorobutadiene	8.13	225	243596	40.989	ng		99
35) Caprolactam	8.43	113	81637	27.446	ng		98
36) 4-Chloro-3-methylphenol	8.56	107	386515	41.464	ng		99
37) 2-Methylnaphthalene	8.70	142	883272	45.279	ng		100
38) 1-Methylnaphthalene	8.80	142	835844	44.547	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	418831	43.876	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	119158	29.491 ng		97
43) 2,4,6-Trichlorophenol	8.99	196	263529	42.394 ng		98
44) 2,4,5-Trichlorophenol	9.03	196	278183	40.437 ng		97
46) 1,1'-Biphenyl	9.16	154	1063338	42.813 ng		99
47) 2-Chloronaphthalene	9.19	162	815865	42.664 ng		99
48) 2-Nitroaniline	9.29	65	275309	45.876 ng		94
49) Acenaphthylene	9.60	152	1301537	42.093 ng		100
50) Dimethylphthalate	9.46	163	955187	43.342 ng		99
51) 2,6-Dinitrotoluene	9.53	165	197411	39.707 ng		89
52) Acenaphthene	9.77	154	741029	42.556 ng		99
53) 3-Nitroaniline	9.69	138	197309	35.192 ng		93
54) 2,4-Dinitrophenol	9.81	184	19281	7.797 ng		93
55) Dibenzofuran	9.94	168	1127467	43.070 ng		99
56) 4-Nitrophenol	9.87	139	183262	45.847 ng		92
57) 2,4-Dinitrotoluene	9.93	165	240770	38.081 ng		98
58) Fluorene	10.28	166	837048	41.161 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	213516	36.702 ng		98
60) Diethylphthalate	10.16	149	913934	42.274 ng		98
61) 4-Chlorophenyl-phenylether	10.27	204	420265	42.403 ng		94
62) 4-Nitroaniline	10.30	138	221563	38.382 ng		97
63) Azobenzene	10.43	77	847847	41.662 ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	20186	6.906 ng		99
66) n-Nitrosodiphenylamine	10.39	169	781031	47.638 ng		99
67) 4-Bromophenyl-phenylether	10.76	248	273323	46.935 ng		93
68) Hexachlorobenzene	10.83	284	302039	44.684 ng		95
69) Atrazine	10.92	200	237912	45.975 ng		95
70) Pentachlorophenol	11.03	266	153539	43.598 ng		100
71) Phenanthrene	11.24	178	1160785	43.748 ng		99
72) Anthracene	11.29	178	1211014	44.934 ng		99
73) Carbazole	11.45	167	1092542	42.484 ng		99
74) Di-n-butylphthalate	11.77	149	1348756	45.226 ng		100
75) Fluoranthene	12.42	202	1180207	39.346 ng		99
77) Benzidine	12.54	184	343180	22.430 ng		96
78) Pyrene	12.64	202	1190027	42.982 ng		100
80) Butylbenzylphthalate	13.26	149	520558	42.662 ng		97
81) Benzo(a)anthracene	13.83	228	978083	42.767 ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	275731	30.053 ng		100
83) Chrysene	13.87	228	990676	42.647 ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	631866	42.242 ng	#	98
85) Di-n-octyl phthalate	14.43	149	1165157	45.890 ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	839484	42.108 ng		98
88) Benzo(b)fluoranthene	14.84	252	917487	41.388 ng		99
89) Benzo(k)fluoranthene	14.87	252	930533	47.799 ng		98
90) Benzo(a)pyrene	15.19	252	865072	44.018 ng		99
91) Dibenzo(a,h)anthracene	16.60	278	717997	42.253 ng		100
92) Benzo(g,h,i)perylene	17.00	276	699744	40.840 ng		99

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

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