Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115565.D
Acq On : 15 Jul 2019 19:13
Operator : HP/JU
Sample : PB121220BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121220BSD

Quant Time: Jul 16 03:47:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	163432	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	656239	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	330468	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	650832	20.00	ng		0.00
76) Chrysene-d12	14.04	240	441656	20.00	ng		-0.01
87) Perylene-d12	15.50	264	431965	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1172450	117.34	ng		0.01
7) Phenol-d6	6.52	99	1490479	117.56	ng		0.00
23) Nitrobenzene-d5	7.44	82	955246	84.64	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	489794	126.98	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1839233	97.41	ng		-0.01
79) Terphenyl-d14	12.99	244	1971460	82.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	189457	38.013	ng		99
3) Pyridine	3.53	79	497447	36.788	ng		99
4) n-Nitrosodimethylamine	3.47	42	185891	37.895	ng		97
6) Aniline	6.55	93	558568	31.659	ng		98
8) 2-Chlorophenol	6.67	128	481282	41.896	ng		99
9) Benzaldehyde	6.43	77	348673	44.010	ng		99
10) Phenol	6.53	94	604494	41.073	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	448716	40.045	ng		100
12) 1,3-Dichlorobenzene	6.82	146	520709	40.316	ng		97
13) 1,4-Dichlorobenzene	6.90	146	521354	40.457	ng		98
14) 1,2-Dichlorobenzene	7.05	146	491055	41.686	ng		98
15) Benzyl Alcohol	7.02	79	428409	42.597	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	594268	40.284	ng		97
17) 2-Methylphenol	7.13	107	413779	41.797	ng		98
18) Hexachloroethane	7.40	117	190058	39.735	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	331442	40.085	ng		98
20) 3+4-Methylphenols	7.28	107	492740	41.903	ng		96
22) Acetophenone	7.29	105	653775	44.098	ng	#	97
24) Nitrobenzene	7.46	77	524532	43.090	ng		96
25) Isophorone	7.70	82	954462	42.264	ng		98
26) 2-Nitrophenol	7.77	139	273299	43.619	ng		98
27) 2,4-Dimethylphenol	7.81	122	460746	49.147	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	592694	42.780	ng		99
29) 2,4-Dichlorophenol	8.02	162	431643	44.272	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	465127	42.204	ng		98
31) Naphthalene	8.19	128	1405321	44.218	ng		98
32) Benzoic acid	7.93	122	325222	42.272	ng		99
33) 4-Chloroaniline	8.23	127	379829	26.981	ng		97
34) Hexachlorobutadiene	8.31	225	264865	41.909	ng		98
35) Caprolactam	8.60	113	138976m	46.128	ng		
36) 4-Chloro-3-methylphenol	8.71	107	451440	44.637	ng		100
37) 2-Methylnaphthalene	8.87	142	960405	45.588	ng		97
38) 1-Methylnaphthalene	8.97	142	897564	44.855	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	429484	43.157	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	454191	80.009 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	319776	43.940 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	327605	43.957 ng	99
46) 1,1'-Biphenyl	9.34	154	1159773	44.890 ng	98
47) 2-Chloronaphthalene	9.37	162	928021	43.139 ng	95
48) 2-Nitroaniline	9.46	65	274538	41.232 ng	96
49) Acenaphthylene	9.78	152	1424099	44.677 ng	97
50) Dimethylphthalate	9.64	163	1081860	43.512 ng	99
51) 2,6-Dinitrotoluene	9.70	165	249318	44.124 ng	98
52) Acenaphthene	9.96	154	986721	47.947 ng	99
53) 3-Nitroaniline	9.86	138	177674	27.516 ng	97
54) 2,4-Dinitrophenol	9.97	184	260391	89.759 ng	95
55) Dibenzofuran	10.13	168	1270607	43.476 ng	99
56) 4-Nitrophenol	10.03	139	461245	93.677 ng	99
57) 2,4-Dinitrotoluene	10.10	165	333180	45.514 ng	95
58) Fluorene	10.47	166	927876	44.411 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	286065	45.916 ng	99
60) Diethylphthalate	10.34	149	1036314	44.485 ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	484308	41.801 ng	95
62) 4-Nitroaniline	10.48	138	264578	42.718 ng	98
63) Azobenzene	10.62	77	1020027	45.141 ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	176130	44.294 ng	93
66) n-Nitrosodiphenylamine	10.57	169	882400	43.586 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	311055	41.823 ng	93
68) Hexachlorobenzene	11.02	284	352826	41.540 ng	98
69) Atrazine	11.10	200	283446	42.678 ng	99
70) Pentachlorophenol	11.21	266	423353	81.494 ng	99
71) Phenanthrene	11.43	178	1448419	43.416 ng	97
72) Anthracene	11.48	178	1480283	42.935 ng	99
73) Carbazole	11.63	167	1311815	43.389 ng	98
74) Di-n-butylphthalate	11.96	149	1562500	41.956 ng	99
75) Fluoranthene	12.62	202	1505543	42.706 ng	98
77) Benzidine	12.73	184	836132	53.441 ng	99
78) Pyrene	12.84	202	1543261	41.243 ng	98
80) Butylbenzylphthalate	13.46	149	658240	41.265 ng	95
81) Benzo(a)anthracene	14.03	228	1212045	41.656 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	354309	34.254 ng	98
83) Chrysene	14.07	228	1256365	43.013 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	827391	41.875 ng	99
85) Di-n-octyl phthalate	14.63	149	1423363	45.275 ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1081675	43.589 ng	100
88) Benzo(b)fluoranthene	15.08	252	1172774	42.163 ng	99
89) Benzo(k)fluoranthene	15.11	252	1134140	45.734 ng	99
90) Benzo(a)pyrene	15.44	252	1074411	44.942 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	908406	43.283 ng	99
92) Benzo(g,h,i)perylene	17.42	276	848366	40.530 ng	99

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

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