Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115563.D
Acq On : 15 Jul 2019 18:19
Operator : HP/JU
Sample : PB121250BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121250BS

Quant Time: Jul 16 03:38:39 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	168614	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	663347	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	334047	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	657779	20.00	ng		0.00
76) Chrysene-d12	14.04	240	443094	20.00	ng		-0.01
87) Perylene-d12	15.50	264	424822	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1279358	124.11	ng		0.01
7) Phenol-d6	6.52	99	1627502	124.43	ng		0.00
23) Nitrobenzene-d5	7.45	82	1045503	91.65	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	525105	134.67	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1952124	102.28	ng		-0.01
79) Terphenyl-d14	12.99	244	2072161	86.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	210070	40.854	ng		99
3) Pyridine	3.53	79	550492	39.460	ng		99
4) n-Nitrosodimethylamine	3.48	42	211777	41.845	ng		100
6) Aniline	6.55	93	603293	33.143	ng		99
8) 2-Chlorophenol	6.67	128	519397	43.825	ng		100
9) Benzaldehyde	6.43	77	376773	46.095	ng		99
10) Phenol	6.53	94	644114	42.420	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	490154	42.399	ng		99
12) 1,3-Dichlorobenzene	6.82	146	564536	42.366	ng		98
13) 1,4-Dichlorobenzene	6.90	146	574938	43.244	ng		97
14) 1,2-Dichlorobenzene	7.05	146	531977	43.772	ng		98
15) Benzyl Alcohol	7.02	79	469192	45.218	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	649424	42.670	ng		98
17) 2-Methylphenol	7.13	107	456476	44.693	ng		99
18) Hexachloroethane	7.40	117	210055	42.567	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	364846	42.769	ng		98
20) 3+4-Methylphenols	7.28	107	530882	43.759	ng		94
22) Acetophenone	7.29	105	709707	47.358	ng	#	100
24) Nitrobenzene	7.46	77	566893	46.071	ng		98
25) Isophorone	7.70	82	1041573	45.627	ng		99
26) 2-Nitrophenol	7.77	139	301072	47.537	ng		99
27) 2,4-Dimethylphenol	7.82	122	504943	53.285	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	638089	45.563	ng		99
29) 2,4-Dichlorophenol	8.02	162	474591	48.155	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	511583	45.922	ng		98
31) Naphthalene	8.19	128	1531638	47.676	ng		97
32) Benzoic acid	7.94	122	351662	45.219	ng		99
33) 4-Chloroaniline	8.23	127	394861	27.748	ng		97
34) Hexachlorobutadiene	8.31	225	289345	45.292	ng		98
35) Caprolactam	8.60	113	150919m	49.556	ng		
36) 4-Chloro-3-methylphenol	8.71	107	487419	47.679	ng		99
37) 2-Methylnaphthalene	8.87	142	1040510	48.861	ng		98
38) 1-Methylnaphthalene	8.97	142	976452	48.274	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	462472	45.974	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	484204	84.382	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	344071	46.772	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	360585	47.863	ng		99
46) 1,1'-Biphenyl	9.34	154	1263217	48.370	ng		97
47) 2-Chloronaphthalene	9.37	162	996995	45.849	ng		96
48) 2-Nitroaniline	9.46	65	299056	44.434	ng		96
49) Acenaphthylene	9.78	152	1522431	47.250	ng		98
50) Dimethylphthalate	9.65	163	1165900	46.390	ng		99
51) 2,6-Dinitrotoluene	9.70	165	272487	47.708	ng		100
52) Acenaphthene	9.96	154	1072823	51.572	ng		100
53) 3-Nitroaniline	9.86	138	191731	29.375	ng		98
54) 2,4-Dinitrophenol	9.97	184	282675	96.396	ng		98
55) Dibenzofuran	10.13	168	1357727	45.959	ng		100
56) 4-Nitrophenol	10.03	139	494922	99.439	ng		95
57) 2,4-Dinitrotoluene	10.10	165	358851	48.496	ng		96
58) Fluorene	10.47	166	996484	47.184	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	311364	49.441	ng		98
60) Diethylphthalate	10.35	149	1106689	46.997	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	514963	43.970	ng		95
62) 4-Nitroaniline	10.49	138	284441	45.433	ng		99
63) Azobenzene	10.62	77	1094482	47.918	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	193901	48.248	ng		91
66) n-Nitrosodiphenylamine	10.57	169	944897	46.180	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	335977	44.697	ng		95
68) Hexachlorobenzene	11.02	284	373935	43.561	ng		96
69) Atrazine	11.10	200	305308	45.484	ng		99
70) Pentachlorophenol	11.21	266	458596	87.346	ng		99
71) Phenanthrene	11.43	178	1544874	45.819	ng		98
72) Anthracene	11.48	178	1595205	45.779	ng		99
73) Carbazole	11.63	167	1402133	45.886	ng		99
74) Di-n-butylphthalate	11.96	149	1663814	44.205	ng		99
75) Fluoranthene	12.62	202	1614262	45.306	ng		99
77) Benzidine	12.73	184	874295	55.699	ng		99
78) Pyrene	12.85	202	1613687	42.985	ng		99
80) Butylbenzylphthalate	13.46	149	703627	43.967	ng		96
81) Benzo(a)anthracene	14.03	228	1289492	44.174	ng		96
82) 3,3'-Dichlorobenzidine	13.99	252	378371	36.461	ng	#	97
83) Chrysene	14.07	228	1337309	45.636	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	889286	44.861	ng		99
85) Di-n-octyl phthalate	14.63	149	1519341	48.171	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1149892	46.188	ng		99
88) Benzo(b)fluoranthene	15.08	252	1236421	45.199	ng		99
89) Benzo(k)fluoranthene	15.11	252	1225172	50.235	ng		98
90) Benzo(a)pyrene	15.45	252	1141312	48.543	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	961686	46.592	ng		98
92) Benzo(g,h,i)perylene	17.42	276	909582	44.186	ng		98

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

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