Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112529.D
Acq On : 13 Feb 2019 10:38
Operator : JU/SJ
Sample : PB117061BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Manual Integrations APPROVED
Sohil
2/14/2019 11:36:04 AM

Quant Time: Feb 13 11:14:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	114999	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	455632	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	227848	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	447516	20.00	ng		0.00
76) Chrysene-d12	14.02	240	344398	20.00	ng		0.01
87) Perylene-d12	15.50	264	269550	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	899880	166.21	ng		0.00
7) Phenol-d6	6.50	99	1109978	147.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	609353	77.06	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	374110	141.06	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1278043	79.33	ng		0.00
79) Terphenyl-d14	12.95	244	1540751	84.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	104455	48.432	ng		94
3) Pyridine	3.46	79	265775	48.444	ng		99
4) n-Nitrosodimethylamine	3.40	42	127834	55.460	ng		90
6) Aniline	6.50	93	271895	30.382	ng	#	38
8) 2-Chlorophenol	6.63	128	315879	43.370	ng		98
9) Benzaldehyde	6.39	77	133102	33.849	ng		99
10) Phenol	6.50	94	355798	43.107	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	271000	41.705	ng		97
12) 1,3-Dichlorobenzene	6.78	146	344832	40.654	ng		100
13) 1,4-Dichlorobenzene	6.86	146	353505	40.495	ng		98
14) 1,2-Dichlorobenzene	7.01	146	329190	40.277	ng		97
15) Benzyl Alcohol	6.99	79	260615	41.095	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	328986	39.431	ng	#	18
17) 2-Methylphenol	7.11	107	241899	41.897	ng	#	87
18) Hexachloroethane	7.35	117	125583	40.967	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	211348	40.741	ng		99
20) 3+4-Methylphenols	7.26	107	319102	43.220	ng	#	63
22) Acetophenone	7.25	105	429750	38.735	ng		94
24) Nitrobenzene	7.42	77	316826	40.118	ng		99
25) Isophorone	7.66	82	565935	45.620	ng		98
26) 2-Nitrophenol	7.74	139	173141	41.024	ng		94
27) 2,4-Dimethylphenol	7.78	122	273044	46.957	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	352459	41.727	ng		97
29) 2,4-Dichlorophenol	7.99	162	273736	42.067	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	294005	39.307	ng		99
31) Naphthalene	8.15	128	920352	43.194	ng		98
32) Benzoic acid	7.93	122	141085	42.535	ng		99
33) 4-Chloroaniline	8.19	127	209508	22.582	ng		96
34) Hexachlorobutadiene	8.26	225	169782	38.681	ng		97
35) Caprolactam	8.57	113	82797m	36.068	ng		
36) 4-Chloro-3-methylphenol	8.69	107	276282	40.107	ng		95
37) 2-Methylnaphthalene	8.83	142	646479	44.320	ng		97
38) 1-Methylnaphthalene	8.93	142	613508	43.882	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	291836	39.010	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	167932	61.697	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	182061	39.481	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	187333	38.870	ng		95
46) 1,1'-Biphenyl	9.30	154	793903	39.856	ng		98
47) 2-Chloronaphthalene	9.33	162	607052	39.300	ng		97
48) 2-Nitroaniline	9.43	65	167929	39.887	ng		93
49) Acenaphthylene	9.74	152	968267	42.767	ng		99
50) Dimethylphthalate	9.59	163	713014	40.277	ng		99
51) 2,6-Dinitrotoluene	9.67	165	160804	40.559	ng	#	89
52) Acenaphthene	9.91	154	554111	40.970	ng		99
53) 3-Nitroaniline	9.84	138	109067	25.392	ng		91
54) 2,4-Dinitrophenol	9.97	184	106237	83.494	ng		93
55) Dibenzofuran	10.09	168	828777	40.099	ng		93
56) 4-Nitrophenol	10.03	139	131528	57.920	ng		94
57) 2,4-Dinitrotoluene	10.08	165	207987	41.207	ng	#	71
58) Fluorene	10.43	166	684398	44.251	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	150071	41.204	ng		95
60) Diethylphthalate	10.30	149	727210	41.394	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	328015	38.988	ng		94
62) 4-Nitroaniline	10.46	138	166656	39.557	ng		94
63) Azobenzene	10.57	77	635080	41.104	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	85485	34.071	ng		95
66) n-Nitrosodiphenylamine	10.54	169	596107	39.523	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	202909	38.551	ng		95
68) Hexachlorobenzene	10.99	284	219812	38.925	ng		97
69) Atrazine	11.06	200	198753	40.840	ng		95
70) Pentachlorophenol	11.19	266	137315	62.493	ng		99
71) Phenanthrene	11.39	178	988190	42.474	ng		98
72) Anthracene	11.44	178	1015153	43.803	ng		99
73) Carbazole	11.60	167	892571	39.044	ng		99
74) Di-n-butylphthalate	11.92	149	1159655	40.868	ng		99
75) Fluoranthene	12.59	202	1032288	41.368	ng		98
77) Benzidine	12.70	184	364727	38.477	ng		96
78) Pyrene	12.82	202	1036816	43.483	ng		98
80) Butylbenzylphthalate	13.42	149	482225	41.801	ng		94
81) Benzo(a)anthracene	14.01	228	871876	43.065	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	208745	27.551	ng		99
83) Chrysene	14.04	228	806795	41.748	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	658090	40.188	ng		97
85) Di-n-octyl phthalate	14.58	149	1036351	41.134	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	613066	40.035	ng		96
88) Benzo(b)fluoranthene	15.06	252	757512	46.991	ng		100
89) Benzo(k)fluoranthene	15.10	252	665083	43.073	ng		97
90) Benzo(a)pyrene	15.44	252	657068	45.300	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	516215	44.158	ng		99
92) Benzo(g,h,i)perylene	17.45	276	477553	43.299	ng		96

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

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