Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112561.D
Acq On : 14 Feb 2019 12:13
Operator : JU/SJ
Sample : PB117100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Manual Integrations APPROVED
Sohil
2/15/2019 4:52:57 PM

Quant Time: Feb 15 06:07:36 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	6.83	152	112379	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	443795	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	218569	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	404932	20.00	ng		0.00
76) Chrysene-d12	14.01	240	314731	20.00	ng		0.00
87) Perylene-d12	15.49	264	236247	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	863482	163.21	ng		0.00
7) Phenol-d6	6.49	99	1077927	146.62	ng		0.00
23) Nitrobenzene-d5	7.40	82	599892	77.89	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	352303	138.48	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1236782	80.03	ng		-0.01
79) Terphenyl-d14	12.94	244	1430453	85.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	100560	47.713	ng		94
3) Pyridine	3.46	79	256437	47.832	ng		98
4) n-Nitrosodimethylamine	3.40	42	126703	56.251	ng		87
6) Aniline	6.50	93	271467	31.041	ng	#	36
8) 2-Chlorophenol	6.63	128	305274	42.891	ng		99
9) Benzaldehyde	6.39	77	128797	33.518	ng		95
10) Phenol	6.50	94	348756	43.239	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	265607	41.828	ng		97
12) 1,3-Dichlorobenzene	6.77	146	331986	40.052	ng		99
13) 1,4-Dichlorobenzene	6.85	146	338678	39.701	ng		96
14) 1,2-Dichlorobenzene	7.00	146	321738	40.283	ng		97
15) Benzyl Alcohol	6.98	79	255526	41.231	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	316846	38.862	ng	#	19
17) 2-Methylphenol	7.10	107	235344	41.712	ng	#	88
18) Hexachloroethane	7.34	117	123937	41.373	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	210591	41.542	ng		99
20) 3+4-Methylphenols	7.26	107	311530	43.178	ng	#	64
22) Acetophenone	7.25	105	422863	39.131	ng	#	96
24) Nitrobenzene	7.42	77	309811	40.276	ng		100
25) Isophorone	7.66	82	543834	45.008	ng		97
26) 2-Nitrophenol	7.73	139	169237	41.169	ng		91
27) 2,4-Dimethylphenol	7.77	122	258852	45.703	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	342123	41.583	ng		98
29) 2,4-Dichlorophenol	7.99	162	261681	41.287	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	282777	38.814	ng		98
31) Naphthalene	8.14	128	892778	43.018	ng		98
32) Benzoic acid	7.94	122	156640	48.485	ng		97
33) 4-Chloroaniline	8.19	127	193252	21.385	ng		98
34) Hexachlorobutadiene	8.25	225	162202	37.940	ng		99
35) Caprolactam	8.57	113	76989m	34.433	ng		
36) 4-Chloro-3-methylphenol	8.69	107	270609	40.331	ng		98
37) 2-Methylnaphthalene	8.83	142	627703	44.181	ng		98
38) 1-Methylnaphthalene	8.93	142	588003	43.179	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	284498	39.644	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	159790	61.275	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	173377	39.194	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	176295	38.132	ng		95
46) 1,1'-Biphenyl	9.29	154	771596	40.381	ng		98
47) 2-Chloronaphthalene	9.32	162	579227	39.090	ng		97
48) 2-Nitroaniline	9.42	65	159870	39.584	ng		89
49) Acenaphthylene	9.73	152	912922	42.035	ng		98
50) Dimethylphthalate	9.59	163	666890	39.271	ng		99
51) 2,6-Dinitrotoluene	9.66	165	149754	39.375	ng	#	86
52) Acenaphthene	9.90	154	531245	40.947	ng		98
53) 3-Nitroaniline	9.83	138	106357	25.813	ng		91
54) 2,4-Dinitrophenol	9.96	184	109100	89.385	ng		93
55) Dibenzofuran	10.08	168	788865	39.789	ng		94
56) 4-Nitrophenol	10.03	139	135175	62.053	ng		92
57) 2,4-Dinitrotoluene	10.08	165	196972	40.681	ng	#	77
58) Fluorene	10.42	166	642874	43.330	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	147667	42.265	ng		95
60) Diethylphthalate	10.29	149	687963	40.823	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	311514	38.598	ng		94
62) 4-Nitroaniline	10.46	138	140466	34.756	ng		92
63) Azobenzene	10.57	77	599187	40.427	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	84997	37.439	ng		97
66) n-Nitrosodiphenylamine	10.53	169	560304	41.056	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	189907	39.875	ng		97
68) Hexachlorobenzene	10.98	284	206278	40.370	ng		98
69) Atrazine	11.06	200	179836	40.839	ng		94
70) Pentachlorophenol	11.18	266	127563	64.160	ng		99
71) Phenanthrene	11.39	178	899118	42.710	ng		98
72) Anthracene	11.44	178	932763	44.480	ng		99
73) Carbazole	11.60	167	824636	39.865	ng		99
74) Di-n-butylphthalate	11.91	149	1082139	42.147	ng		99
75) Fluoranthene	12.58	202	943519	41.787	ng		98
77) Benzidine	12.69	184	358926	41.435	ng		96
78) Pyrene	12.81	202	948259	43.518	ng		98
80) Butylbenzylphthalate	13.41	149	456378	43.289	ng		95
81) Benzo(a)anthracene	14.00	228	801148	43.302	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	181410	26.200	ng		98
83) Chrysene	14.04	228	742426	42.038	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	635508	42.467	ng	#	95
85) Di-n-octyl phthalate	14.57	149	968509	42.065	ng		97
86) Indeno(1,2,3-cd)pyrene	16.99	276	584720	41.784	ng		96
88) Benzo(b)fluoranthene	15.06	252	651337	46.100	ng		98
89) Benzo(k)fluoranthene	15.09	252	601867	44.473	ng		99
90) Benzo(a)pyrene	15.43	252	584095	45.945	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	493833	48.198	ng		97
92) Benzo(g,h,i)perylene	17.43	276	481096	49.770	ng		97

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

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