Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118060.D
Acq On : 3 Dec 2019 14:10
Operator : JU
Sample : PB125174BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:23 PM

Quant Time: Dec 03 16:29:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134819	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	560576	20.00	ng		-0.01
39) Acenaphthene-d10	9.93	164	297142	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	552344	20.00	ng		0.00
76) Chrysene-d12	14.08	240	348281	20.00	ng		0.00
87) Perylene-d12	15.57	264	272395	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1007531	132.28	ng		0.01
7) Phenol-d6	6.52	99	1240496	135.03	ng		0.00
23) Nitrobenzene-d5	7.45	82	630248	66.83	ng		-0.02
42) 2,4,6-Tribromophenol	10.73	330	421935	134.13	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	1265917	76.43	ng		-0.01
79) Terphenyl-d14	13.02	244	1289964	67.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	124715	35.030	ng		96
3) Pyridine	3.49	79	306122	32.779	ng		94
4) n-Nitrosodimethylamine	3.43	42	165580	40.616	ng		97
6) Aniline	6.55	93	319173	26.292	ng		99
8) 2-Chlorophenol	6.67	128	422956	51.177	ng		99
9) Benzaldehyde	6.43	77	153176	22.329	ng		98
10) Phenol	6.53	94	486411	50.953	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	364451	47.541	ng		95
12) 1,3-Dichlorobenzene	6.82	146	439902	45.212	ng		97
13) 1,4-Dichlorobenzene	6.90	146	450481	45.805	ng		98
14) 1,2-Dichlorobenzene	7.05	146	423733	45.049	ng		99
15) Benzyl Alcohol	7.02	79	356864	50.315	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	424774	35.989	ng		93
17) 2-Methylphenol	7.14	107	340182	48.606	ng		98
18) Hexachloroethane	7.40	117	163994	45.391	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	270324	47.698	ng		98
20) 3+4-Methylphenols	7.29	107	425772	49.008	ng	#	73
22) Acetophenone	7.29	105	562200	44.639	ng	#	95
24) Nitrobenzene	7.46	77	423651	43.548	ng		97
25) Isophorone	7.70	82	747652	43.257	ng		98
26) 2-Nitrophenol	7.78	139	232473	49.096	ng		92
27) 2,4-Dimethylphenol	7.82	122	359827	48.905	ng		94
28) bis(2-Chloroethoxy)methane	7.91	93	459802	41.923	ng		99
29) 2,4-Dichlorophenol	8.03	162	354101	44.368	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	393259	42.480	ng		99
31) Naphthalene	8.19	128	1234938	47.255	ng		98
32) Benzoic acid	7.95	122	164372	26.681	ng		96
33) 4-Chloroaniline	8.24	127	210603	18.001	ng		97
34) Hexachlorobutadiene	8.30	225	225338	41.633	ng		97
35) Caprolactam	8.62	113	110175m	43.436	ng		
36) 4-Chloro-3-methylphenol	8.73	107	375775	46.394	ng		98
37) 2-Methylnaphthalene	8.89	142	827716	46.876	ng		100
38) 1-Methylnaphthalene	8.99	142	766561	45.920	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	364818	42.277	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	9.04	237	310236	64.153	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	257127	41.601	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	263094	40.997	ng		98
46) 1,1'-Biphenyl	9.35	154	973567	44.162	ng		98
47) 2-Chloronaphthalene	9.38	162	751307	41.427	ng		99
48) 2-Nitroaniline	9.47	65	221338	40.426	ng		92
49) Acenaphthylene	9.80	152	1196657	45.258	ng		99
50) Dimethylphthalate	9.65	163	900506	43.217	ng		99
51) 2,6-Dinitrotoluene	9.72	165	202691	44.509	ng		92
52) Acenaphthene	9.97	154	705300	41.640	ng		98
53) 3-Nitroaniline	9.89	138	141577	25.981	ng		95
54) 2,4-Dinitrophenol	10.00	184	115023	51.942	ng		94
55) Dibenzofuran	10.14	168	1061182	45.244	ng		99
56) 4-Nitrophenol	10.06	139	323484	79.530	ng		93
57) 2,4-Dinitrotoluene	10.12	165	275419	47.544	ng		96
58) Fluorene	10.49	166	833740	45.871	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	220587	41.834	ng		96
60) Diethylphthalate	10.36	149	900752	44.340	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	410374	44.490	ng		97
62) 4-Nitroaniline	10.50	138	192340	35.253	ng		98
63) Azobenzene	10.63	77	794584	42.993	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	101852	39.500	ng		84
66) n-Nitrosodiphenylamine	10.59	169	749095	46.600	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	259087	43.473	ng		97
68) Hexachlorobenzene	11.04	284	301156	43.336	ng	#	92
69) Atrazine	11.13	200	246988	46.709	ng		99
70) Pentachlorophenol	11.23	266	269643	66.414	ng		99
71) Phenanthrene	11.45	178	1253875	45.152	ng		98
72) Anthracene	11.50	178	1280573	46.510	ng		98
73) Carbazole	11.66	167	1073685	44.625	ng		99
74) Di-n-butylphthalate	11.99	149	1386758	46.292	ng		99
75) Fluoranthene	12.64	202	1250751	50.355	ng		98
77) Benzidine	12.77	184	6846	0.600	ng	#	1
78) Pyrene	12.87	202	1244543	44.217	ng		99
80) Butylbenzylphthalate	13.49	149	551155	45.592	ng		98
81) Benzo(a)anthracene	14.07	228	1012510	43.994	ng		99
82) 3,3'-Dichlorobenzidine	14.03	252	243551	30.253	ng		99
83) Chrysene	14.10	228	970083	43.499	ng		96
84) Bis(2-ethylhexyl)phthalate	14.05	149	757911	51.713	ng		98
85) Di-n-octyl phthalate	14.67	149	1122667	52.142	ng		99
86) Indeno(1,2,3-cd)pyrene	17.10	276	960453	50.601	ng		97
88) Benzo(b)fluoranthene	15.13	252	830349	46.919	ng		98
89) Benzo(k)fluoranthene	15.16	252	834605	50.051	ng		98
90) Benzo(a)pyrene	15.51	252	742164	47.690	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	800154	59.736	ng		96
92) Benzo(g,h,i)perylene	17.56	276	829263	62.157	ng		99

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

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