Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112374.D
Acq On : 4 Feb 2019 10:33
Operator : JU/SJ
Sample : PB116745BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116745BSD

Manual Integrations APPROVED
mohammad
2/5/2019 8:42:37 AM

Quant Time: Feb 05 05:00:09 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	182546	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	682342	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	326429	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	567060	20.00	ng		0.00
76) Chrysene-d12	14.00	240	373521	20.00	ng		0.00
87) Perylene-d12	15.47	264	376743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	856644	99.68	ng		0.00
7) Phenol-d6	6.49	99	1072420	89.80	ng		0.00
23) Nitrobenzene-d5	7.40	82	1002878	84.69	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	317517	83.57	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	2001652	86.73	ng		0.00
79) Terphenyl-d14	12.94	244	1532061	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	152421	44.521	ng		96
3) Pyridine	3.43	79	420370	48.270	ng		98
4) n-Nitrosodimethylamine	3.39	42	205401	56.138	ng	#	95
6) Aniline	6.50	93	250904	17.662	ng	#	1
8) 2-Chlorophenol	6.63	128	508765	44.005	ng		97
9) Benzaldehyde	6.39	77	290281	46.506	ng		100
10) Phenol	6.50	94	559241	42.684	ng		89
11) bis(2-Chloroethyl)ether	6.57	93	432664	41.946	ng		97
12) 1,3-Dichlorobenzene	6.78	146	545907	40.544	ng		99
13) 1,4-Dichlorobenzene	6.86	146	554074	39.985	ng		99
14) 1,2-Dichlorobenzene	7.01	146	524835	40.453	ng		96
15) Benzyl Alcohol	6.99	79	412575	40.983	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	551891	41.671	ng	#	24
17) 2-Methylphenol	7.11	107	388636	42.404	ng	#	88
18) Hexachloroethane	7.35	117	192486	39.557	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	336304	40.841	ng		99
20) 3+4-Methylphenols	7.26	107	518696	44.258	ng	#	63
22) Acetophenone	7.25	105	676962	40.744	ng		94
24) Nitrobenzene	7.42	77	503838	42.601	ng		100
25) Isophorone	7.66	82	893107	48.074	ng		99
26) 2-Nitrophenol	7.74	139	271347	42.932	ng		95
27) 2,4-Dimethylphenol	7.79	122	433320	49.761	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	572585	45.264	ng		99
29) 2,4-Dichlorophenol	7.99	162	435441	44.684	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	472657	42.196	ng		99
31) Naphthalene	8.15	128	1429331	44.794	ng		99
32) Benzoic acid	7.93	122	198763	40.015	ng		98
33) 4-Chloroaniline	8.19	127	102032	7.344	ng		96
34) Hexachlorobutadiene	8.26	225	266864	40.599	ng		98
35) Caprolactam	8.57	113	126568m	36.817	ng		
36) 4-Chloro-3-methylphenol	8.69	107	433935	42.063	ng		96
37) 2-Methylnaphthalene	8.83	142	1011082	46.286	ng		98
38) 1-Methylnaphthalene	8.93	142	948555	45.304	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	468995	43.758	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	165947	45.505	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	296008	44.805	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	305603	44.260	ng		97
46) 1,1'-Biphenyl	9.30	154	1226702	42.985	ng		98
47) 2-Chloronaphthalene	9.33	162	937847	42.379	ng		98
48) 2-Nitroaniline	9.42	65	256357	42.501	ng		90
49) Acenaphthylene	9.74	152	1463310	45.114	ng		99
50) Dimethylphthalate	9.60	163	1143066	45.070	ng		99
51) 2,6-Dinitrotoluene	9.66	165	248908	43.821	ng	#	82
52) Acenaphthene	9.91	154	838396	43.269	ng		98
53) 3-Nitroaniline	9.83	138	95539	15.526	ng	#	96
54) 2,4-Dinitrophenol	9.96	184	101291	55.566	ng		95
55) Dibenzofuran	10.09	168	1254899	42.381	ng		96
56) 4-Nitrophenol	10.02	139	237341	72.952	ng		92
57) 2,4-Dinitrotoluene	10.07	165	312256	43.182	ng	#	84
58) Fluorene	10.43	166	1006687	45.432	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	244177	46.796	ng		98
60) Diethylphthalate	10.30	149	1137332	45.188	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	498429	41.352	ng		96
62) 4-Nitroaniline	10.45	138	222234	36.819	ng		95
63) Azobenzene	10.57	77	947366	42.799	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92293	29.029	ng		95
66) n-Nitrosodiphenylamine	10.53	169	901626	47.177	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	304629	45.675	ng		99
68) Hexachlorobenzene	10.98	284	313671	43.836	ng		97
69) Atrazine	11.06	200	297916	48.310	ng		96
70) Pentachlorophenol	11.18	266	206172	74.049	ng		99
71) Phenanthrene	11.39	178	1328953	45.079	ng		98
72) Anthracene	11.44	178	1364716	46.472	ng		99
73) Carbazole	11.60	167	1156829	39.935	ng		99
74) Di-n-butylphthalate	11.92	149	1652392	45.956	ng		99
75) Fluoranthene	12.58	202	1229708	38.891	ng		97
77) Benzidine	12.69	184	388520	37.792	ng		96
78) Pyrene	12.81	202	1206843	46.667	ng		98
80) Butylbenzylphthalate	13.41	149	581730	46.495	ng		92
81) Benzo(a)anthracene	14.00	228	1029138	46.870	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	234972	28.594	ng		99
83) Chrysene	14.03	228	978596	46.690	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	818633	46.094	ng		98
85) Di-n-octyl phthalate	14.58	149	1245886	45.595	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	940580	56.634	ng		98
88) Benzo(b)fluoranthene	15.05	252	1068140	47.408	ng		98
89) Benzo(k)fluoranthene	15.08	252	971754	45.027	ng		97
90) Benzo(a)pyrene	15.42	252	976733	48.179	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	809788	49.561	ng		99
92) Benzo(g,h,i)perylene	17.40	276	746507	48.427	ng		97

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

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