Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
Data File : BF114938.D
Acq On : 11 Jun 2019 11:32
Operator : HP/JU
Sample : PB120177BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 11 13:16:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Manual Integrations APPROVED
mohammad
6/12/2019 9:03:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	207014	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	818091	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	407312	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	833885	20.00	ng		0.00
76) Chrysene-d12	13.79	240	553143	20.00	ng		0.00
87) Perylene-d12	15.16	264	664330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1442482	117.93	ng		0.00
7) Phenol-d6	6.30	99	1744639	118.25	ng		0.00
23) Nitrobenzene-d5	7.22	82	1087418	81.67	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	534968	120.74	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2160972	84.20	ng		0.00
79) Terphenyl-d14	12.74	244	2539200	91.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	246436	42.457	ng		99
3) Pyridine	3.00	79	660916	40.905	ng		100
4) n-Nitrosodimethylamine	2.93	42	240058	41.364	ng		98
6) Aniline	6.32	93	542919	27.166	ng	#	40
8) 2-Chlorophenol	6.45	128	634368	45.442	ng		100
9) Benzaldehyde	6.20	77	144851	15.339	ng		97
10) Phenol	6.32	94	718135	43.651	ng		88
11) bis(2-Chloroethyl)ether	6.40	93	575489	43.891	ng		98
12) 1,3-Dichlorobenzene	6.60	146	696210	42.971	ng		99
13) 1,4-Dichlorobenzene	6.67	146	710256	43.716	ng		100
14) 1,2-Dichlorobenzene	6.83	146	660348	44.779	ng		98
15) Benzyl Alcohol	6.80	79	492012	46.215	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	774110	42.928	ng		99
17) 2-Methylphenol	6.92	107	515648	44.114	ng		99
18) Hexachloroethane	7.17	117	249036	41.592	ng		98
19) n-Nitroso-di-n-propylamine	7.08	70	393333	42.633	ng		99
20) 3+4-Methylphenols	7.07	107	619781m	47.355	ng		
22) Acetophenone	7.07	105	844105	46.094	ng		97
24) Nitrobenzene	7.24	77	629205	45.426	ng		96
25) Isophorone	7.48	82	1151958	44.181	ng		98
26) 2-Nitrophenol	7.56	139	358361	46.570	ng		98
27) 2,4-Dimethylphenol	7.60	122	574920	51.056	ng		100
28) bis(2-Chloroethoxy)methane	7.70	93	733169	43.957	ng		99
29) 2,4-Dichlorophenol	7.80	162	544236	46.152	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	603358	44.583	ng		99
31) Naphthalene	7.96	128	1819037	48.256	ng		98
32) Benzoic acid	7.68	122	53536	6.365	ng		99
33) 4-Chloroaniline	8.01	127	437922	24.618	ng		98
34) Hexachlorobutadiene	8.09	225	321149	42.309	ng		98
35) Caprolactam	8.37	113	179148m	45.099	ng		
36) 4-Chloro-3-methylphenol	8.50	107	556836	46.491	ng		99
37) 2-Methylnaphthalene	8.65	142	1248598	48.743	ng		99
38) 1-Methylnaphthalene	8.75	142	1170212	48.302	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	531369	45.374	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	645861	97.024	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	396918	44.635	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	432398	47.158	ng	96
46) 1,1'-Biphenyl	9.12	154	1482538	48.652	ng	99
47) 2-Chloronaphthalene	9.13	162	1182788	45.980	ng	98
48) 2-Nitroaniline	9.23	65	337757	43.135	ng	91
49) Acenaphthylene	9.55	152	1856166	48.966	ng	98
50) Dimethylphthalate	9.42	163	1380355	45.090	ng	98
51) 2,6-Dinitrotoluene	9.47	165	324991	46.220	ng	94
52) Acenaphthene	9.72	154	1083834	47.194	ng	99
53) 3-Nitroaniline	9.64	138	260667	30.872	ng	95
54) 2,4-Dinitrophenol	9.75	184	165253	47.485	ng	94
55) Dibenzofuran	9.89	168	1612786	49.196	ng	97
56) 4-Nitrophenol	9.81	139	551457	91.641	ng	93
57) 2,4-Dinitrotoluene	9.87	165	435574	49.008	ng	96
58) Fluorene	10.23	166	1174440	46.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	347708	46.909	ng	100
60) Diethylphthalate	10.12	149	1376364	46.258	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	576013	45.531	ng	99
62) 4-Nitroaniline	10.25	138	364831	42.162	ng	100
63) Azobenzene	10.39	77	1227038	47.381	ng	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	147929	31.633	ng	94
66) n-Nitrosodiphenylamine	10.35	169	1130821	45.645	ng	99
67) 4-Bromophenyl-phenylether	10.71	248	389852	43.161	ng	98
68) Hexachlorobenzene	10.78	284	419317	42.039	ng	99
69) Atrazine	10.87	200	367994	44.083	ng	99
70) Pentachlorophenol	10.97	266	398704	71.283	ng	100
71) Phenanthrene	11.19	178	1896379	46.873	ng	98
72) Anthracene	11.24	178	1965695	47.869	ng	99
73) Carbazole	11.39	167	1767511	47.277	ng	99
74) Di-n-butylphthalate	11.73	149	2178821	47.155	ng	99
75) Fluoranthene	12.36	202	2009334	48.016	ng	99
77) Benzidine	12.49	184	926737	38.284	ng	99
78) Pyrene	12.59	202	2028296	42.104	ng	99
80) Butylbenzylphthalate	13.22	149	1032395	43.500	ng	95
81) Benzo(a)anthracene	13.77	228	1819649	44.490	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	479072	28.696	ng	98
83) Chrysene	13.81	228	1816369	44.225	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1311020	47.167	ng	100
85) Di-n-octyl phthalate	14.39	149	2323920	45.769	ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	1879453	48.675	ng	100
88) Benzo(b)fluoranthene	14.78	252	1794987	41.503	ng	99
89) Benzo(k)fluoranthene	14.81	252	1761860	46.940	ng	99
90) Benzo(a)pyrene	15.11	252	1750523	46.599	ng	100
91) Dibenzo(a,h)anthracene	16.49	278	1543279	48.635	ng	99
92) Benzo(g,h,i)perylene	16.86	276	1607785	50.831	ng	98

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

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