Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116987.D
Acq On : 12 Sep 2019 12:31
Operator : HP/JU
Sample : PB122948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Manual Integrations APPROVED
mohammad
9/16/2019 8:59:23 AM

Quant Time: Sep 12 14:36:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80313	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	336825	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	171670	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	277902	20.00	ng		0.00
76) Chrysene-d12	13.97	240	170998	20.00	ng		0.00
87) Perylene-d12	15.42	264	143467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	635262	128.14	ng		0.02
7) Phenol-d6	6.47	99	811582	124.67	ng		0.00
23) Nitrobenzene-d5	7.39	82	490838	83.19	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	182449	158.98	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	854895	84.01	ng		0.00
79) Terphenyl-d14	12.92	244	771954	83.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	104374	45.609	ng		98
3) Pyridine	3.40	79	254546	38.416	ng		98
4) n-Nitrosodimethylamine	3.36	42	98178	43.149	ng		99
6) Aniline	6.49	93	312774	34.691	ng	#	84
8) 2-Chlorophenol	6.62	128	272494	50.353	ng		99
9) Benzaldehyde	6.37	77	171231	39.927	ng		99
10) Phenol	6.48	94	347497	48.208	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	255111	45.452	ng		99
12) 1,3-Dichlorobenzene	6.77	146	285890	46.742	ng		99
13) 1,4-Dichlorobenzene	6.85	146	293028	48.122	ng		99
14) 1,2-Dichlorobenzene	7.00	146	273614	48.486	ng		100
15) Benzyl Alcohol	6.97	79	251181	47.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	251532	38.197	ng		99
17) 2-Methylphenol	7.09	107	230051	48.560	ng		97
18) Hexachloroethane	7.34	117	114207	48.274	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	197612	46.105	ng		99
20) 3+4-Methylphenols	7.23	107	280643	50.950	ng		96
22) Acetophenone	7.23	105	401502	49.513	ng		99
24) Nitrobenzene	7.41	77	305504	50.911	ng		99
25) Isophorone	7.65	82	544478	45.541	ng		100
26) 2-Nitrophenol	7.72	139	143284	64.225	ng		99
27) 2,4-Dimethylphenol	7.76	122	238670	52.971	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	331925	45.431	ng		99
29) 2,4-Dichlorophenol	7.97	162	222608	51.410	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	227536	48.448	ng		97
31) Naphthalene	8.13	128	774342	48.347	ng		99
32) Benzoic acid	7.89	122	135797	53.378	ng		95
33) 4-Chloroaniline	8.17	127	181722	24.925	ng		98
34) Hexachlorobutadiene	8.25	225	124028	48.434	ng		98
35) Caprolactam	8.55	113	70329m	43.400	ng		
36) 4-Chloro-3-methylphenol	8.66	107	263423	52.932	ng		95
37) 2-Methylnaphthalene	8.82	142	530850	49.814	ng		98
38) 1-Methylnaphthalene	8.92	142	491054	48.814	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	202306	49.160	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	221229	93.093	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	145676	51.640	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	158497	54.119	ng		98
46) 1,1'-Biphenyl	9.28	154	625274	48.000	ng		100
47) 2-Chloronaphthalene	9.30	162	489397	47.434	ng		96
48) 2-Nitroaniline	9.40	65	156533	52.478	ng		96
49) Acenaphthylene	9.72	152	774859	49.682	ng		100
50) Dimethylphthalate	9.58	163	566605	47.807	ng		100
51) 2,6-Dinitrotoluene	9.64	165	127936	56.577	ng	#	84
52) Acenaphthene	9.89	154	442692	46.196	ng		99
53) 3-Nitroaniline	9.81	138	92776	32.739	ng		95
54) 2,4-Dinitrophenol	9.92	184	95969	115.131	ng	#	87
55) Dibenzofuran	10.06	168	667325	49.398	ng		99
56) 4-Nitrophenol	9.98	139	199238	102.536	ng		92
57) 2,4-Dinitrotoluene	10.05	165	167562	60.601	ng		90
58) Fluorene	10.40	166	532471	51.729	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	120814	57.159	ng		100
60) Diethylphthalate	10.28	149	562819	47.407	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	231153	51.282	ng		98
62) 4-Nitroaniline	10.43	138	138805	50.472	ng		98
63) Azobenzene	10.56	77	588565	47.544	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	68129	63.683	ng		97
66) n-Nitrosodiphenylamine	10.52	169	467696	48.650	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	134348	47.589	ng		97
68) Hexachlorobenzene	10.96	284	140562	47.588	ng		97
69) Atrazine	11.04	200	127112	47.210	ng		96
70) Pentachlorophenol	11.15	266	156755	109.707	ng		99
71) Phenanthrene	11.37	178	741400	47.926	ng		100
72) Anthracene	11.42	178	769536	49.416	ng		100
73) Carbazole	11.57	167	704689	47.506	ng		99
74) Di-n-butylphthalate	11.90	149	869352	45.716	ng		100
75) Fluoranthene	12.55	202	723342	47.579	ng		99
77) Benzidine	12.67	184	330036	49.208	ng		99
78) Pyrene	12.78	202	738169	48.562	ng		100
80) Butylbenzylphthalate	13.39	149	334858	45.300	ng		99
81) Benzo(a)anthracene	13.96	228	526546	48.653	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	128256	35.068	ng		100
83) Chrysene	14.00	228	520196	46.655	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	428618	46.973	ng		99
85) Di-n-octyl phthalate	14.56	149	663744	44.449	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	428188	47.812	ng		99
88) Benzo(b)fluoranthene	15.00	252	432659	49.881	ng		98
89) Benzo(k)fluoranthene	15.03	252	393609	49.770	ng		98
90) Benzo(a)pyrene	15.36	252	388491	51.481	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	352895	53.426	ng		98
92) Benzo(g,h,i)perylene	17.29	276	351126	52.122	ng		99

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

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