Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116986.D
Acq On : 12 Sep 2019 12:04
Operator : HP/JU
Sample : PB122992BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Manual Integrations APPROVED
mohammad
9/16/2019 8:59:20 AM

Quant Time: Sep 12 14:34:59 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	85319	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	354302	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	181823	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	289816	20.00	ng		0.00
76) Chrysene-d12	13.97	240	183990	20.00	ng		0.00
87) Perylene-d12	15.42	264	157422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	667633	126.77	ng		0.02
7) Phenol-d6	6.47	99	862038	124.66	ng		0.00
23) Nitrobenzene-d5	7.39	82	516889	83.28	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	187701	154.42	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	892796	82.83	ng		0.00
79) Terphenyl-d14	12.92	244	805192	80.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	111567	45.891	ng		98
3) Pyridine	3.42	79	262044	37.227	ng		99
4) n-Nitrosodimethylamine	3.37	42	105386	43.600	ng		93
6) Aniline	6.49	93	336349	35.117	ng	#	73
8) 2-Chlorophenol	6.62	128	289468	50.351	ng		99
9) Benzaldehyde	6.37	77	182869	40.138	ng		98
10) Phenol	6.48	94	366789	47.899	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	274132	45.976	ng		98
12) 1,3-Dichlorobenzene	6.77	146	303349	46.686	ng		99
13) 1,4-Dichlorobenzene	6.85	146	313617	48.481	ng		98
14) 1,2-Dichlorobenzene	7.00	146	287937	48.031	ng		98
15) Benzyl Alcohol	6.97	79	268947	47.911	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	264776	37.849	ng		99
17) 2-Methylphenol	7.09	107	243789	48.441	ng		97
18) Hexachloroethane	7.34	117	119641	47.604	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	209017	45.904	ng		99
20) 3+4-Methylphenols	7.23	107	302669	51.724	ng		97
22) Acetophenone	7.23	105	426579	50.010	ng		98
24) Nitrobenzene	7.41	77	322685	51.122	ng		98
25) Isophorone	7.65	82	582777	46.340	ng		99
26) 2-Nitrophenol	7.72	139	148532	63.293	ng		95
27) 2,4-Dimethylphenol	7.76	122	249930	52.734	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	347204	45.178	ng		99
29) 2,4-Dichlorophenol	7.97	162	236487	51.922	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	234065	47.380	ng		98
31) Naphthalene	8.13	128	814961	48.373	ng		99
32) Benzoic acid	7.90	122	145357	54.318	ng		99
33) 4-Chloroaniline	8.17	127	199179	25.972	ng		98
34) Hexachlorobutadiene	8.25	225	130281	48.366	ng		99
35) Caprolactam	8.55	113	73232m	42.962	ng		
36) 4-Chloro-3-methylphenol	8.66	107	276443	52.808	ng		95
37) 2-Methylnaphthalene	8.82	142	555911	49.593	ng		98
38) 1-Methylnaphthalene	8.92	142	509375	48.137	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	214162	49.135	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	232558	92.396	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	153417	51.347	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	164154	52.921	ng		95
46) 1,1'-Biphenyl	9.28	154	656065	47.552	ng		99
47) 2-Chloronaphthalene	9.31	162	513765	47.015	ng		99
48) 2-Nitroaniline	9.40	65	165042	52.241	ng		93
49) Acenaphthylene	9.72	152	809860	49.027	ng		99
50) Dimethylphthalate	9.58	163	590001	47.001	ng		100
51) 2,6-Dinitrotoluene	9.65	165	130967	54.683	ng		96
52) Acenaphthene	9.89	154	466495	45.962	ng		99
53) 3-Nitroaniline	9.81	138	101931	33.961	ng		98
54) 2,4-Dinitrophenol	9.92	184	96404	109.661	ng	#	91
55) Dibenzofuran	10.07	168	700906	48.987	ng		98
56) 4-Nitrophenol	9.98	139	208665	101.391	ng		94
57) 2,4-Dinitrotoluene	10.05	165	173240	59.156	ng		94
58) Fluorene	10.41	166	557208	51.110	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	127471	56.940	ng		99
60) Diethylphthalate	10.28	149	588656	46.814	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	239581	50.184	ng		98
62) 4-Nitroaniline	10.43	138	150081	51.525	ng		99
63) Azobenzene	10.56	77	618393	47.164	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	70954	63.607	ng		87
66) n-Nitrosodiphenylamine	10.52	169	488603	48.735	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	139226	47.289	ng		98
68) Hexachlorobenzene	10.96	284	147660	47.936	ng		97
69) Atrazine	11.04	200	134013	47.726	ng		99
70) Pentachlorophenol	11.15	266	162047	108.749	ng		98
71) Phenanthrene	11.37	178	778320	48.244	ng		100
72) Anthracene	11.42	178	805245	49.584	ng		99
73) Carbazole	11.57	167	744498	48.126	ng		99
74) Di-n-butylphthalate	11.90	149	897792	45.270	ng		99
75) Fluoranthene	12.55	202	772654	48.733	ng		99
77) Benzidine	12.67	184	348058	48.231	ng		99
78) Pyrene	12.78	202	775070	47.389	ng		99
80) Butylbenzylphthalate	13.39	149	355264	44.667	ng		98
81) Benzo(a)anthracene	13.96	228	572098	49.130	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	139404	35.425	ng		99
83) Chrysene	14.00	228	559694	46.653	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	457048	46.551	ng		99
85) Di-n-octyl phthalate	14.56	149	722784	44.985	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	438983	45.556	ng		99
88) Benzo(b)fluoranthene	15.00	252	462578	48.603	ng		100
89) Benzo(k)fluoranthene	15.03	252	434472	50.067	ng		99
90) Benzo(a)pyrene	15.36	252	419755	50.693	ng	#	96
91) Dibenzo(a,h)anthracene	16.87	278	359760	49.637	ng		99
92) Benzo(g,h,i)perylene	17.29	276	358137	48.450	ng		99

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

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