Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121195.D
Acq On : 6 Aug 2020 10:25
Operator : JU/CG
Sample : PB130683BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:37 PM

Quant Time: Aug 06 11:07:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129560	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	492339	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	246653	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	457607	20.00	ng		0.00
76) Chrysene-d12	13.96	240	346412	20.00	ng		0.00
86) Perylene-d12	15.41	264	335142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	832717	105.37	ng		0.00
7) Phenol-d6	6.44	99	1005385	98.48	ng		0.00
23) Nitrobenzene-d5	7.36	82	688917	80.97	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	294531	109.09	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1239357	75.02	ng		0.00
79) Terphenyl-d14	12.91	244	1230376	77.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	140480	38.623	ng		98
3) Pyridine	3.30	79	333862	34.505	ng		98
4) n-Nitrosodimethylamine	3.25	42	170718	41.262	ng		96
6) Aniline	6.46	93	448742	33.674	ng	#	89
8) 2-Chlorophenol	6.58	128	382754	43.963	ng		98
9) Benzaldehyde	6.35	77	243984	54.105	ng		99
10) Phenol	6.45	94	446636	39.772	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	363780	42.268	ng		100
12) 1,3-Dichlorobenzene	6.73	146	394828	41.822	ng		98
13) 1,4-Dichlorobenzene	6.81	146	399924	42.602	ng		99
14) 1,2-Dichlorobenzene	6.96	146	381119	42.914	ng		100
15) Benzyl Alcohol	6.94	79	300274	41.592	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	516070	41.602	ng		94
17) 2-Methylphenol	7.06	107	299650	38.832	ng		100
18) Hexachloroethane	7.30	117	148924	43.831	ng		100
19) n-Nitroso-di-n-propylamine	7.21	70	233314	40.191	ng		95
20) 3+4-Methylphenols	7.21	107	347413	35.391	ng		97
22) Acetophenone	7.20	105	477782	43.240	ng		97
24) Nitrobenzene	7.38	77	381161	41.563	ng		99
25) Isophorone	7.62	82	692053	40.753	ng		98
26) 2-Nitrophenol	7.69	139	204577	46.970	ng		96
27) 2,4-Dimethylphenol	7.73	122	319029	45.114	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	452499	43.653	ng		100
29) 2,4-Dichlorophenol	7.94	162	308279	42.662	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	340332	42.451	ng		99
31) Naphthalene	8.10	128	1049227	41.546	ng		100
32) Benzoic acid	7.87	122	199648	37.610	ng		98
33) 4-Chloroaniline	8.15	127	303921	26.977	ng		99
34) Hexachlorobutadiene	8.22	225	199429	42.197	ng		98
35) Caprolactam	8.53	113	94433m	40.751	ng		
36) 4-Chloro-3-methylphenol	8.64	107	315012	42.506	ng		100
37) 2-Methylnaphthalene	8.79	142	710165	43.308	ng		99
38) 1-Methylnaphthalene	8.89	142	665331	42.840	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	328706	45.740	ng		99

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Quant Time: Aug 06 11:07:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	319635	80.476	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	218509	43.185	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	231396	40.316	ng		97
46) 1,1'-Biphenyl	9.26	154	849478	45.150	ng		99
47) 2-Chloronaphthalene	9.28	162	650242	42.389	ng		98
48) 2-Nitroaniline	9.38	65	196192	42.322	ng		99
49) Acenaphthylene	9.70	152	1028177	43.145	ng		99
50) Dimethylphthalate	9.56	163	761688	42.805	ng		99
51) 2,6-Dinitrotoluene	9.62	165	167253	43.749	ng		96
52) Acenaphthene	9.87	154	595646	39.315	ng		99
53) 3-Nitroaniline	9.79	138	127795	26.653	ng		97
54) 2,4-Dinitrophenol	9.90	184	163721	74.880	ng		94
55) Dibenzofuran	10.04	168	904938	41.303	ng		99
56) 4-Nitrophenol	9.97	139	239486	65.753	ng		97
57) 2,4-Dinitrotoluene	10.03	165	216091	43.043	ng	#	88
58) Fluorene	10.39	166	678346	41.513	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	195496	44.736	ng		99
60) Diethylphthalate	10.26	149	752556	41.812	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	340870	39.110	ng		98
62) 4-Nitroaniline	10.41	138	180704	38.690	ng		98
63) Azobenzene	10.53	77	711207	41.506	ng		99
65) 4,6-Dinitro-2-methylphenol	10.44	198	119492	45.349	ng		100
66) n-Nitrosodiphenylamine	10.50	169	633004	43.973	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	222855	43.680	ng		93
68) Hexachlorobenzene	10.93	284	247315	44.812	ng		96
69) Atrazine	11.03	200	167668	47.030	ng		97
70) Pentachlorophenol	11.13	266	248226	78.509	ng		99
71) Phenanthrene	11.35	178	998240	42.415	ng		100
72) Anthracene	11.40	178	1045129	44.224	ng		99
73) Carbazole	11.56	167	953304	40.648	ng		99
74) Di-n-butylphthalate	11.89	149	1186426	43.837	ng		99
75) Fluoranthene	12.53	202	1094985	41.975	ng		98
77) Benzidine	12.66	184	557606	61.223	ng		99
78) Pyrene	12.76	202	1113440	45.462	ng		100
80) Butylbenzylphthalate	13.38	149	508540	46.578	ng		93
81) Benzo(a)anthracene	13.95	228	936932	44.665	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	316466	39.988	ng		99
83) Chrysene	13.99	228	944269	42.835	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	695153	51.634	ng		99
85) Di-n-octyl phthalate	14.55	149	1214896	45.357	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	993806	42.638	ng		99
88) Benzo(b)fluoranthene	14.99	252	895944	44.226	ng		99
89) Benzo(k)fluoranthene	15.02	252	911989	49.363	ng		99
90) Benzo(a)pyrene	15.35	252	826013	44.691	ng		100
91) Dibenzo(a,h)anthracene	16.86	278	824952	43.329	ng		100
92) Benzo(g,h,i)perylene	17.28	276	847711	45.157	ng		99

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

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