Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046207.D
Acq On : 10 Aug 2020 15:15
Operator : CG/JU
Sample : PB130837BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130837BS

Manual Integrations APPROVED
mohammad
8/11/2020 2:51:42 PM

Quant Time: Aug 10 16:46:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	106527	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	419589	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	278089	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	651288	20.00	ng		0.00
76) Chrysene-d12	21.57	240	674646	20.00	ng		0.00
86) Perylene-d12	24.67	264	716050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	811859	132.48	ng		0.00
7) Phenol-d6	7.12	99	1027276	123.00	ng		0.00
23) Nitrobenzene-d5	9.11	82	629974	81.29	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	580781	135.97	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1566003	81.80	ng		0.00
79) Terphenyl-d14	19.94	244	2590127	78.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	97691	35.025	ng		95
3) Pyridine	3.84	79	262300	34.161	ng		95
4) n-Nitrosodimethylamine	3.75	42	123417	37.766	ng		97
6) Aniline	7.27	93	381935	38.418	ng		99
8) 2-Chlorophenol	7.52	128	298616	44.088	ng		95
9) Benzaldehyde	7.09	77	98868	19.950	ng		95
10) Phenol	7.15	94	363729	43.346	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	282849	42.377	ng		99
12) 1,3-Dichlorobenzene	7.84	146	348476	42.447	ng		97
13) 1,4-Dichlorobenzene	7.98	146	345373	41.895	ng		99
14) 1,2-Dichlorobenzene	8.31	146	327115	42.074	ng		99
15) Benzyl Alcohol	8.19	79	245368	42.527	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	426115	38.941	ng		97
17) 2-Methylphenol	8.40	107	256701	45.314	ng		99
18) Hexachloroethane	9.04	117	116345	42.198	ng		99
19) n-Nitroso-di-n-propylamine	8.76	70	222639	40.961	ng		99
20) 3+4-Methylphenols	8.72	107	348792	44.983	ng		97
22) Acetophenone	8.77	105	419169	38.927	ng	#	97
24) Nitrobenzene	9.15	77	315581	38.194	ng		97
25) Isophorone	9.68	82	600542	38.944	ng		98
26) 2-Nitrophenol	9.86	139	172030	45.940	ng		95
27) 2,4-Dimethylphenol	9.92	122	262027	43.009	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	371778	44.339	ng		99
29) 2,4-Dichlorophenol	10.40	162	316627	44.180	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	350377	41.734	ng		99
31) Naphthalene	10.80	128	892089	40.182	ng		99
32) Benzoic acid	10.08	122	176684	41.124	ng		97
33) 4-Chloroaniline	10.90	127	316260	34.860	ng		97
34) Hexachlorobutadiene	11.10	225	228404	40.868	ng		100
35) Caprolactam	11.67	113	104055m	44.360	ng		
36) 4-Chloro-3-methylphenol	12.03	107	307830	43.769	ng		98
37) 2-Methylnaphthalene	12.40	142	704340	41.230	ng		99
38) 1-Methylnaphthalene	12.63	142	670456	41.474	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	402773	40.198	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	518941	90.295	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	277696	43.441	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	294756	42.260	ng		95
46) 1,1'-Biphenyl	13.41	154	872401	39.991	ng		99
47) 2-Chloronaphthalene	13.45	162	706561	40.604	ng		98
48) 2-Nitroaniline	13.65	65	193160	42.348	ng		97
49) Acenaphthylene	14.30	152	1095504	40.543	ng		99
50) Dimethylphthalate	14.04	163	895124	41.938	ng		99
51) 2,6-Dinitrotoluene	14.15	165	208148	41.903	ng		91
52) Acenaphthene	14.64	154	806167m	45.206	ng		
53) 3-Nitroaniline	14.48	138	180187	36.589	ng		100
54) 2,4-Dinitrophenol	14.68	184	258724	82.014	ng		99
55) Dibenzofuran	14.98	168	1079684	40.123	ng		99
56) 4-Nitrophenol	14.79	139	357870	83.702	ng		96
57) 2,4-Dinitrotoluene	14.94	165	297392	43.544	ng		91
58) Fluorene	15.63	166	892068	40.935	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	299297	45.557	ng		97
60) Diethylphthalate	15.41	149	883933	42.099	ng		97
61) 4-Chlorophenyl-phenylether	15.62	204	488583	42.927	ng		94
62) 4-Nitroaniline	15.64	138	214714	43.352	ng		99
63) Azobenzene	15.91	77	759212	38.583	ng		95
65) 4,6-Dinitro-2-methylphenol	15.70	198	192038	44.584	ng		89
66) n-Nitrosodiphenylamine	15.83	169	809260	41.049	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	353805	43.972	ng		96
68) Hexachlorobenzene	16.63	284	390563	43.289	ng		97
69) Atrazine	16.78	200	292758	38.564	ng		99
70) Pentachlorophenol	16.97	266	488690	83.479	ng		100
71) Phenanthrene	17.36	178	1432473	40.152	ng		99
72) Anthracene	17.46	178	1469596	41.413	ng		99
73) Carbazole	17.72	167	1353688	39.560	ng		100
74) Di-n-butylphthalate	18.29	149	1512662	42.291	ng		99
75) Fluoranthene	19.37	202	1817008	40.795	ng		99
77) Benzidine	19.55	184	855278	44.756	ng		99
78) Pyrene	19.73	202	1792853	39.551	ng		97
80) Butylbenzylphthalate	20.62	149	701889	42.745	ng		99
81) Benzo(a)anthracene	21.54	228	1773013	39.271	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	660473	35.229	ng		98
83) Chrysene	21.62	228	1723961	38.980	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	971996	41.404	ng		97
85) Di-n-octyl phthalate	22.65	149	1670515	42.027	ng		98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2367999	43.362	ng	#	95
88) Benzo(b)fluoranthene	23.70	252	1971944	41.096	ng		98
89) Benzo(k)fluoranthene	23.76	252	1963600	41.721	ng		99
90) Benzo(a)pyrene	24.53	252	1840677	41.224	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	1937628	42.443	ng		98
92) Benzo(g,h,i)perylene	29.29	276	1949764	42.290	ng		99

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

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