Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041711.D
Acq On : 18 Jul 2019 15:52
Operator : HP/JU
Sample : K3835-44MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Manual Integrations APPROVED
mohammad
7/19/2019 3:57:55 PM

Quant Time: Jul 18 18:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	112426	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	463732	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	289611	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	680199	20.00	ng		0.00
76) Chrysene-d12	21.65	240	636883	20.00	ng		0.00
87) Perylene-d12	24.85	264	740840	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	896079	130.30	ng		0.00
7) Phenol-d6	7.21	99	1262140	136.44	ng		0.00
23) Nitrobenzene-d5	9.20	82	733349	96.17	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	479209	146.82	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1655607	88.52	ng		0.00
79) Terphenyl-d14	20.00	244	2396275	87.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	108426	33.195	ng		98
3) Pyridine	3.89	79	265601	30.463	ng		95
4) n-Nitrosodimethylamine	3.81	42	157818	39.195	ng		98
6) Aniline	7.37	93	401941	32.331	ng		98
8) 2-Chlorophenol	7.61	128	347208	44.595	ng		97
9) Benzaldehyde	7.18	77	170231	27.549	ng		98
10) Phenol	7.23	94	444264	45.585	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	327982	41.670	ng		98
12) 1,3-Dichlorobenzene	7.94	146	378796	40.775	ng		98
13) 1,4-Dichlorobenzene	8.08	146	382427	41.106	ng		98
14) 1,2-Dichlorobenzene	8.41	146	358685	40.892	ng		96
15) Benzyl Alcohol	8.28	79	317030	43.049	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	642937	39.420	ng		98
17) 2-Methylphenol	8.48	107	305181	45.280	ng		99
18) Hexachloroethane	9.13	117	137890	40.466	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	280187	41.441	ng		97
20) 3+4-Methylphenols	8.81	107	420080	45.483	ng		98
22) Acetophenone	8.86	105	514912	45.590	ng	#	97
24) Nitrobenzene	9.25	77	383885	46.150	ng		99
25) Isophorone	9.77	82	738855	44.250	ng		98
26) 2-Nitrophenol	9.96	139	194987	50.797	ng		98
27) 2,4-Dimethylphenol	10.02	122	336285	50.902	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	457574	44.463	ng		99
29) 2,4-Dichlorophenol	10.49	162	376258	49.953	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	385598	43.600	ng		97
31) Naphthalene	10.90	128	1016052	44.505	ng		99
32) Benzoic acid	10.10	122	71647	18.508	ng		97
33) 4-Chloroaniline	11.00	127	302151	28.692	ng		99
34) Hexachlorobutadiene	11.20	225	244354	42.987	ng		98
35) Caprolactam	11.77	113	136721m	49.383	ng		
36) 4-Chloro-3-methylphenol	12.11	107	380751	48.252	ng		98
37) 2-Methylnaphthalene	12.50	142	786212	45.074	ng		99
38) 1-Methylnaphthalene	12.72	142	745444	44.828	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	451077	45.470	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	596626	106.319	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	321409	49.863	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	345505	50.874	ng		98
46) 1,1'-Biphenyl	13.51	154	981870	45.253	ng		99
47) 2-Chloronaphthalene	13.55	162	796999	44.075	ng		100
48) 2-Nitroaniline	13.73	65	260294	49.439	ng		95
49) Acenaphthylene	14.39	152	1255950	44.491	ng		100
50) Dimethylphthalate	14.12	163	1281323	56.332	ng		100
51) 2,6-Dinitrotoluene	14.23	165	244485	50.674	ng		96
52) Acenaphthene	14.73	154	840062	47.222	ng		100
53) 3-Nitroaniline	14.55	138	179689	34.118	ng		99
54) 2,4-Dinitrophenol	14.76	184	178633	73.912	ng		98
55) Dibenzofuran	15.06	168	1192890	44.686	ng		98
56) 4-Nitrophenol	14.86	139	434709	101.948	ng		99
57) 2,4-Dinitrotoluene	15.01	165	338454	53.069	ng		99
58) Fluorene	15.71	166	963539	44.360	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	328332	52.368	ng		98
60) Diethylphthalate	15.48	149	1018353	44.441	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	551578	44.923	ng		98
62) 4-Nitroaniline	15.71	138	264262	47.310	ng		99
63) Azobenzene	15.99	77	908021	43.831	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	175490	53.465	ng		99
66) n-Nitrosodiphenylamine	15.91	169	901371	45.125	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	366904	45.333	ng		99
68) Hexachlorobenzene	16.71	284	363676	44.623	ng		97
69) Atrazine	16.85	200	351676	48.515	ng		98
70) Pentachlorophenol	17.05	266	492848	96.714	ng		100
71) Phenanthrene	17.44	178	1526538	44.564	ng		99
72) Anthracene	17.54	178	1561181	45.722	ng		99
73) Carbazole	17.79	167	1436942	45.376	ng		98
74) Di-n-butylphthalate	18.36	149	1636964	42.383	ng		97
75) Fluoranthene	19.45	202	1784278	42.420	ng		97
77) Benzidine	19.62	184	657595	26.892	ng		98
78) Pyrene	19.80	202	1789425	41.543	ng		97
80) Butylbenzylphthalate	20.69	149	782940	43.741	ng		97
81) Benzo(a)anthracene	21.63	228	1746295	42.438	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	538151	33.234	ng		97
83) Chrysene	21.70	228	1686672	42.896	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1087000	43.011	ng		98
85) Di-n-octyl phthalate	22.77	149	1889923	43.913	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2279378	43.934	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	1911313	42.533	ng		99
89) Benzo(k)fluoranthene	23.91	252	1915154	45.994	ng		98
90) Benzo(a)pyrene	24.70	252	1940826	45.648	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	1873984	45.458	ng		99
92) Benzo(g,h,i)perylene	29.62	276	1878067	45.461	ng		98

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

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