Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041710.D
Acq On : 18 Jul 2019 15:13
Operator : HP/JU
Sample : K3835-44MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 18 18:25:14 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

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

Manual Integrations APPROVED
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7/19/2019 3:57:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115033	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	468363	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	289734	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	686458	20.00	ng		0.00
76) Chrysene-d12	21.65	240	639949	20.00	ng		0.00
87) Perylene-d12	24.84	264	742695	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	901141	128.06	ng		0.00
7) Phenol-d6	7.21	99	1277032	134.93	ng		0.00
23) Nitrobenzene-d5	9.20	82	735711	95.53	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	478406	146.51	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1645535	87.95	ng		0.00
79) Terphenyl-d14	20.00	244	2412484	88.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	113937	34.092	ng		95
3) Pyridine	3.90	79	270142	30.281	ng		96
4) n-Nitrosodimethylamine	3.81	42	160982	39.075	ng		98
6) Aniline	7.37	93	411565	32.354	ng		96
8) 2-Chlorophenol	7.61	128	351890	44.173	ng		99
9) Benzaldehyde	7.18	77	177797	28.251	ng		98
10) Phenol	7.23	94	445441	44.670	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	335598	41.671	ng		95
12) 1,3-Dichlorobenzene	7.94	146	375001	39.452	ng		100
13) 1,4-Dichlorobenzene	8.08	146	383338	40.270	ng		98
14) 1,2-Dichlorobenzene	8.40	146	359839	40.094	ng		98
15) Benzyl Alcohol	8.28	79	320233	42.499	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	638444	38.258	ng		98
17) 2-Methylphenol	8.48	107	306003	44.373	ng		98
18) Hexachloroethane	9.14	117	137292	39.377	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	282291	40.806	ng		99
20) 3+4-Methylphenols	8.81	107	424869	44.959	ng		100
22) Acetophenone	8.87	105	513762	45.038	ng	#	95
24) Nitrobenzene	9.24	77	384289	45.742	ng		98
25) Isophorone	9.77	82	733996	43.524	ng		100
26) 2-Nitrophenol	9.96	139	193573	50.009	ng		96
27) 2,4-Dimethylphenol	10.01	122	338177	50.683	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	453972	43.677	ng		99
29) 2,4-Dichlorophenol	10.50	162	368205	48.400	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	389012	43.551	ng		99
31) Naphthalene	10.90	128	1027563	44.564	ng		98
32) Benzoic acid	10.10	122	77836	19.453	ng		94
33) 4-Chloroaniline	11.00	127	314774	29.595	ng		98
34) Hexachlorobutadiene	11.19	225	240795	41.942	ng		98
35) Caprolactam	11.76	113	136930m	48.970	ng		
36) 4-Chloro-3-methylphenol	12.12	107	380078	47.690	ng		98
37) 2-Methylnaphthalene	12.51	142	782456	44.416	ng		100
38) 1-Methylnaphthalene	12.72	142	741266	44.136	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	446259	44.965	ng		100

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Quant Time: Jul 18 18:25:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	581018	103.493	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	317735	49.273	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	342596	50.425	ng		99
46) 1,1'-Biphenyl	13.50	154	978617	45.084	ng		99
47) 2-Chloronaphthalene	13.55	162	796319	44.018	ng		99
48) 2-Nitroaniline	13.73	65	256854	48.765	ng		99
49) Acenaphthylene	14.39	152	1253331	44.380	ng		99
50) Dimethylphthalate	14.12	163	1277693	56.149	ng		99
51) 2,6-Dinitrotoluene	14.23	165	246120	50.992	ng		98
52) Acenaphthene	14.73	154	827022	46.470	ng		100
53) 3-Nitroaniline	14.56	138	182166	34.574	ng		95
54) 2,4-Dinitrophenol	14.76	184	172966	71.785	ng		96
55) Dibenzofuran	15.06	168	1195242	44.755	ng		98
56) 4-Nitrophenol	14.86	139	434076	101.757	ng		98
57) 2,4-Dinitrotoluene	15.01	165	332307	52.083	ng		98
58) Fluorene	15.71	166	961681	44.255	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	327358	52.190	ng		99
60) Diethylphthalate	15.48	149	1019673	44.480	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	547255	44.552	ng		98
62) 4-Nitroaniline	15.72	138	264054	47.253	ng		99
63) Azobenzene	15.99	77	914764	44.137	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	172487	52.245	ng		98
66) n-Nitrosodiphenylamine	15.91	169	903657	44.827	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	366544	44.876	ng		97
68) Hexachlorobenzene	16.71	284	355899	43.270	ng		98
69) Atrazine	16.85	200	354638	48.477	ng		99
70) Pentachlorophenol	17.05	266	486460	94.590	ng		98
71) Phenanthrene	17.44	178	1523948	44.083	ng		99
72) Anthracene	17.53	178	1557338	45.193	ng		99
73) Carbazole	17.79	167	1440719	45.081	ng		98
74) Di-n-butylphthalate	18.36	149	1641205	42.105	ng		98
75) Fluoranthene	19.44	202	1809605	42.630	ng		98
77) Benzidine	19.61	184	682868	28.009	ng		97
78) Pyrene	19.80	202	1803687	41.673	ng		97
80) Butylbenzylphthalate	20.69	149	789169	43.878	ng		96
81) Benzo(a)anthracene	21.63	228	1757141	42.497	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	542539	33.345	ng		98
83) Chrysene	21.69	228	1712183	43.336	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1091970	43.001	ng		97
85) Di-n-octyl phthalate	22.76	149	1912046	44.214	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2283026	43.794	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	1982476	44.006	ng		98
89) Benzo(k)fluoranthene	23.90	252	1872213	44.850	ng		98
90) Benzo(a)pyrene	24.70	252	1938726	45.485	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	1865334	45.136	ng		99
92) Benzo(g,h,i)perylene	29.63	276	1878239	45.351	ng		99

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

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