Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042448.D
Acq On : 24 Aug 2019 00:35
Operator : HP/JU
Sample : K4090-16MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:02:01 PM

Quant Time: Aug 24 02:37:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	72845	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	278359	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	195594	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	430565	20.00	ng		0.00
76) Chrysene-d12	21.70	240	416867	20.00	ng		0.00
87) Perylene-d12	24.93	264	491921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	484976	134.84	ng		0.00
7) Phenol-d6	7.17	99	616354	126.86	ng		0.00
23) Nitrobenzene-d5	9.18	82	413868	102.74	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	336985	121.22	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1106284	95.66	ng		0.00
79) Terphenyl-d14	20.03	244	1751882	90.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	56942	37.936	ng	#	64
3) Pyridine	3.84	79	112635	29.264	ng		95
4) n-Nitrosodimethylamine	3.75	42	58094	42.260	ng		96
6) Aniline	7.32	93	143561	22.154	ng		99
8) 2-Chlorophenol	7.57	128	198095	45.445	ng		96
9) Benzaldehyde	7.13	77	66981	27.538	ng		99
10) Phenol	7.20	94	208244	42.157	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	182449	47.029	ng		97
12) 1,3-Dichlorobenzene	7.89	146	228586	41.222	ng		98
13) 1,4-Dichlorobenzene	8.04	146	232243	41.347	ng		96
14) 1,2-Dichlorobenzene	8.36	146	220439	40.981	ng		99
15) Benzyl Alcohol	8.25	79	153653	43.959	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	245837	46.753	ng		99
17) 2-Methylphenol	8.46	107	161889	44.494	ng		96
18) Hexachloroethane	9.09	117	76140	39.596	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	139128	44.202	ng		98
20) 3+4-Methylphenols	8.79	107	221493	43.994	ng		98
22) Acetophenone	8.83	105	285356	47.930	ng	#	98
24) Nitrobenzene	9.22	77	203274	49.834	ng		97
25) Isophorone	9.74	82	382577	48.125	ng		96
26) 2-Nitrophenol	9.93	139	115795	45.300	ng		99
27) 2,4-Dimethylphenol	10.00	122	187462	53.239	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	243352	48.569	ng		98
29) 2,4-Dichlorophenol	10.48	162	220388	47.838	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	239597	42.371	ng		99
31) Naphthalene	10.88	128	612685	47.409	ng		99
32) Benzoic acid	10.12	122	32092	18.590	ng		96
33) 4-Chloroaniline	10.99	127	62668	10.504	ng		99
34) Hexachlorobutadiene	11.17	225	151513	39.868	ng		98
35) Caprolactam	11.76	113	54858m	35.686	ng		
36) 4-Chloro-3-methylphenol	12.12	107	213606	48.843	ng		99
37) 2-Methylnaphthalene	12.49	142	481097	46.362	ng		97
38) 1-Methylnaphthalene	12.71	142	452350	45.892	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	290086	46.183	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	154809	46.920	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	197490	46.515	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	214055	48.652	ng		96
46) 1,1'-Biphenyl	13.49	154	611951	48.401	ng		98
47) 2-Chloronaphthalene	13.54	162	500975	45.953	ng		98
48) 2-Nitroaniline	13.74	65	133526	50.791	ng		97
49) Acenaphthylene	14.39	152	799397	48.739	ng		98
50) Dimethylphthalate	14.12	163	662960	46.976	ng		100
51) 2,6-Dinitrotoluene	14.23	165	149515	45.706	ng		100
52) Acenaphthene	14.73	154	469409	47.133	ng		100
53) 3-Nitroaniline	14.56	138	112693	34.446	ng		97
54) 2,4-Dinitrophenol	14.78	184	54734	29.140	ng		94
55) Dibenzofuran	15.06	168	780766	47.361	ng		98
56) 4-Nitrophenol	14.89	139	240654	103.521	ng		97
57) 2,4-Dinitrotoluene	15.03	165	209098	44.637	ng		95
58) Fluorene	15.71	166	625779	46.437	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	200595	46.103	ng	#	88
60) Diethylphthalate	15.48	149	617463	44.756	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	352232	43.360	ng		99
62) 4-Nitroaniline	15.73	138	154615	44.158	ng		98
63) Azobenzene	16.00	77	486312	51.443	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51798	19.188	ng		93
66) n-Nitrosodiphenylamine	15.92	169	578131	48.825	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	242885	44.473	ng		97
68) Hexachlorobenzene	16.73	284	251714	42.397	ng	#	93
69) Atrazine	16.87	200	212876	50.839	ng		99
70) Pentachlorophenol	17.07	266	260677	84.505	ng		99
71) Phenanthrene	17.46	178	1012755	47.354	ng		97
72) Anthracene	17.55	178	1038677	48.649	ng		98
73) Carbazole	17.82	167	932067	48.983	ng		98
74) Di-n-butylphthalate	18.38	149	1069990	47.569	ng		99
75) Fluoranthene	19.47	202	1212757	46.464	ng		98
77) Benzidine	19.65	184	160355	13.417	ng		97
78) Pyrene	19.83	202	1231659	48.191	ng		97
80) Butylbenzylphthalate	20.71	149	498373	49.577	ng		98
81) Benzo(a)anthracene	21.67	228	1191235	46.975	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	408307	40.035	ng	#	99
83) Chrysene	21.74	228	1155656	47.254	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	697844	49.999	ng		99
85) Di-n-octyl phthalate	22.79	149	1213334	50.544	ng		98
86) Indeno(1,2,3-cd)pyrene	28.65	276	1456884	43.835	ng		99
88) Benzo(b)fluoranthene	23.91	252	1284157	47.484	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	1301186m	50.055	ng		
90) Benzo(a)pyrene	24.79	252	1278356	49.814	ng	#	98
91) Dibenzo(a,h)anthracene	28.72	278	1208068	46.494	ng	#	96
92) Benzo(g,h,i)perylene	29.81	276	1178916	45.365	ng	#	96

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

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