Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041030.D
Acq On : 3 Jun 2019 12:27
Operator : HP/JU
Sample : K3010-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-23(3-3.5)MS

Manual Integrations APPROVED
mohammad
6/5/2019 8:35:20 AM

Quant Time: Jun 03 17:36:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	54652	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	216085	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	156850	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	389666	20.00	ng		0.00
76) Chrysene-d12	21.78	240	398682	20.00	ng		0.00
87) Perylene-d12	25.11	264	421927	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	439520	145.02	ng		0.00
7) Phenol-d6	7.26	99	636489	135.98	ng		0.00
23) Nitrobenzene-d5	9.30	82	443270	91.07	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	323658	139.00	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	959912	88.13	ng		0.00
79) Terphenyl-d14	20.09	244	1645446	87.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	50075	36.410	ng		91
3) Pyridine	3.93	79	87867	21.591	ng		98
4) n-Nitrosodimethylamine	3.84	42	83979	44.464	ng		95
6) Aniline	7.45	93	137577	22.020	ng		100
8) 2-Chlorophenol	7.68	128	161087	44.582	ng		96
9) Benzaldehyde	7.26	77	101931	36.505	ng		87
10) Phenol	7.29	94	232256	46.278	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	153107	42.053	ng		100
12) 1,3-Dichlorobenzene	8.00	146	176710	40.947	ng		99
13) 1,4-Dichlorobenzene	8.16	146	178643	40.895	ng		97
14) 1,2-Dichlorobenzene	8.47	146	170617	40.226	ng		98
15) Benzyl Alcohol	8.36	79	189601	43.789	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	242395	40.743	ng		97
17) 2-Methylphenol	8.55	107	155243	42.722	ng		98
18) Hexachloroethane	9.20	117	68738	40.827	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	148267	41.161	ng		97
20) 3+4-Methylphenols	8.88	107	213217	42.360	ng		97
22) Acetophenone	8.95	105	279926	46.181	ng		98
24) Nitrobenzene	9.34	77	229644	46.296	ng		98
25) Isophorone	9.86	82	417653	45.087	ng		99
26) 2-Nitrophenol	10.06	139	97306	47.584	ng		91
27) 2,4-Dimethylphenol	10.09	122	163933	48.539	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	219066	43.817	ng		97
29) 2,4-Dichlorophenol	10.58	162	198925	46.383	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	209256	42.890	ng		93
31) Naphthalene	11.00	128	522946	45.075	ng		99
32) Benzoic acid	10.20	122	52021	24.584	ng		96
33) 4-Chloroaniline	11.10	127	100221	18.618	ng		94
34) Hexachlorobutadiene	11.25	225	156525	41.929	ng		99
35) Caprolactam	11.89	113	59746m	42.186	ng		
36) 4-Chloro-3-methylphenol	12.21	107	217930	44.493	ng		96
37) 2-Methylnaphthalene	12.59	142	387917	43.413	ng		99
38) 1-Methylnaphthalene	12.80	142	370070	43.950	ng	#	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	285071	45.093	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	298991	87.160 ng		94
43) 2,4,6-Trichlorophenol	13.19	196	190674	46.623 ng		97
44) 2,4,5-Trichlorophenol	13.26	196	202242	46.889 ng		99
46) 1,1'-Biphenyl	13.59	154	522387	44.993 ng		98
47) 2-Chloronaphthalene	13.63	162	431375	43.279 ng		99
48) 2-Nitroaniline	13.84	65	161089	45.050 ng		96
49) Acenaphthylene	14.48	152	672599	44.836 ng		99
50) Dimethylphthalate	14.20	163	696045	52.423 ng		99
51) 2,6-Dinitrotoluene	14.33	165	129002	45.063 ng		97
52) Acenaphthene	14.81	154	391482	43.078 ng		95
53) 3-Nitroaniline	14.66	138	86282	30.141 ng		95
54) 2,4-Dinitrophenol	14.86	184	93044	67.272 ng		96
55) Dibenzofuran	15.15	168	674537	44.112 ng		99
56) 4-Nitrophenol	14.96	139	196429	100.040 ng		92
57) 2,4-Dinitrotoluene	15.11	165	184879	45.719 ng		99
58) Fluorene	15.80	166	532373	43.716 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	200976	47.414 ng		100
60) Diethylphthalate	15.55	149	582662	43.001 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	342547	43.276 ng		97
62) 4-Nitroaniline	15.82	138	129933	42.874 ng		93
63) Azobenzene	16.07	77	536290	43.546 ng		97
65) 4,6-Dinitro-2-methylphenol	15.87	198	94542	45.765 ng		98
66) n-Nitrosodiphenylamine	16.00	169	487666	44.520 ng		100
67) 4-Bromophenyl-phenylether	16.68	248	221254	42.074 ng		99
68) Hexachlorobenzene	16.79	284	230557	41.173 ng		99
69) Atrazine	16.94	200	211631	50.071 ng		98
70) Pentachlorophenol	17.14	266	272050	90.122 ng		97
71) Phenanthrene	17.54	178	903502	44.514 ng		98
72) Anthracene	17.63	178	920459	45.981 ng		99
73) Carbazole	17.90	167	825273	48.046 ng		99
74) Di-n-butylphthalate	18.43	149	932549	43.682 ng		99
75) Fluoranthene	19.54	202	1154815	46.063 ng		99
77) Benzidine	19.72	184	140539	14.777 ng		96
78) Pyrene	19.90	202	1164905	44.948 ng		99
80) Butylbenzylphthalate	20.77	149	447584	44.378 ng		99
81) Benzo(a)anthracene	21.75	228	1139517	42.938 ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	252574	27.059 ng		95
83) Chrysene	21.82	228	1108107	43.632 ng		97
84) Bis(2-ethylhexyl)phthalate	21.62	149	618724	43.579 ng		100
85) Di-n-octyl phthalate	22.87	149	1048586	44.345 ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1361172	43.753 ng	#	98
88) Benzo(b)fluoranthene	24.04	252	1158698	45.277 ng		99
89) Benzo(k)fluoranthene	24.12	252	1106382	43.688 ng		98
90) Benzo(a)pyrene	24.96	252	1144806	46.888 ng		96
91) Dibenzo(a,h)anthracene	29.02	278	1110067	45.501 ng		99
92) Benzo(g,h,i)perylene	30.16	276	1098508	46.347 ng		99

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

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