Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040337.D
Acq On : 3 Apr 2019 22:28
Operator : JU/SJ
Sample : K1695-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DPC-91723-SO-TP5-BMS

Manual Integrations APPROVED
sohil
4/4/2019 4:46:51 AM

Quant Time: Apr 04 03:12:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64031	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	259148	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	156529	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	389152	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	409710	20.00	ng		-0.03
87) Perylene-d12	24.98	264	427887	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	404552	105.03	ng		-0.01
7) Phenol-d6	7.20	99	564827	106.11	ng		-0.02
23) Nitrobenzene-d5	9.22	82	329840	67.65	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	207219	122.49	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	717874	67.96	ng		-0.02
79) Terphenyl-d14	20.02	244	1167142	64.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	51928	28.672	ng		99
3) Pyridine	3.90	79	133116	27.298	ng		99
4) n-Nitrosodimethylamine	3.82	42	67771	30.045	ng	#	86
6) Aniline	7.38	93	95384	13.792	ng		97
8) 2-Chlorophenol	7.61	128	151730	33.652	ng		95
9) Benzaldehyde	7.19	77	99876	27.353	ng		97
10) Phenol	7.23	94	196769	34.056	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	146307	31.616	ng		94
12) 1,3-Dichlorobenzene	7.93	146	157657	32.166	ng		97
13) 1,4-Dichlorobenzene	8.08	146	157517	32.267	ng		99
14) 1,2-Dichlorobenzene	8.40	146	150211	32.177	ng		99
15) Benzyl Alcohol	8.29	79	134371	31.344	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	269214	30.312	ng		99
17) 2-Methylphenol	8.48	107	134788	33.713	ng		98
18) Hexachloroethane	9.12	117	57156	30.781	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	116188	30.443	ng		95
20) 3+4-Methylphenols	8.81	107	186575	34.447	ng		99
22) Acetophenone	8.88	105	224874	34.786	ng	#	98
24) Nitrobenzene	9.27	77	168879	33.450	ng		98
25) Isophorone	9.78	82	335705	33.465	ng		99
26) 2-Nitrophenol	9.98	139	83176	34.769	ng		99
27) 2,4-Dimethylphenol	10.02	122	153389	40.366	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	203520	34.292	ng		98
29) 2,4-Dichlorophenol	10.50	162	154414	37.437	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	157275	34.726	ng		99
31) Naphthalene	10.91	128	461759	34.763	ng		100
32) Benzoic acid	10.13	122	36142	15.742	ng		92
33) 4-Chloroaniline	11.03	127	63668	11.237	ng		96
34) Hexachlorobutadiene	11.17	225	93924	32.427	ng		99
35) Caprolactam	11.81	113	57293m	35.003	ng		
36) 4-Chloro-3-methylphenol	12.14	107	174255	36.749	ng		99
37) 2-Methylnaphthalene	12.51	142	345120	35.130	ng		98
38) 1-Methylnaphthalene	12.73	142	328955	34.531	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	175208	35.217	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	200392	73.359	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	128964	40.206	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	139036	39.768	ng		98
46) 1,1'-Biphenyl	13.51	154	442464	35.775	ng		96
47) 2-Chloronaphthalene	13.56	162	337748	35.602	ng		99
48) 2-Nitroaniline	13.77	65	114558	35.799	ng		98
49) Acenaphthylene	14.41	152	568166	35.323	ng		99
50) Dimethylphthalate	14.13	163	499189	40.748	ng		100
51) 2,6-Dinitrotoluene	14.26	165	101734	36.985	ng		98
52) Acenaphthene	14.75	154	328759	35.669	ng		96
53) 3-Nitroaniline	14.60	138	40852	14.030	ng		98
54) 2,4-Dinitrophenol	14.80	184	115943	79.257	ng		94
55) Dibenzofuran	15.08	168	539922	36.456	ng		99
56) 4-Nitrophenol	14.90	139	183304	78.002	ng		96
57) 2,4-Dinitrotoluene	15.05	165	141344	36.981	ng		99
58) Fluorene	15.72	166	424450	36.452	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	134286	42.327	ng		99
60) Diethylphthalate	15.48	149	467215	37.270	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	225651	36.255	ng		97
62) 4-Nitroaniline	15.76	138	113290	36.256	ng		98
63) Azobenzene	16.00	77	426861	36.099	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	81373	37.219	ng		99
66) n-Nitrosodiphenylamine	15.93	169	404863	35.553	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	147680	33.722	ng		97
68) Hexachlorobenzene	16.72	284	152332	34.596	ng		98
69) Atrazine	16.87	200	154506	36.473	ng		98
70) Pentachlorophenol	17.07	266	189996	74.635	ng		95
71) Phenanthrene	17.47	178	722214	35.308	ng		99
72) Anthracene	17.56	178	745828	36.429	ng		100
73) Carbazole	17.83	167	726766	37.509	ng		99
74) Di-n-butylphthalate	18.37	149	850139	37.016	ng		100
75) Fluoranthene	19.47	202	914739	37.767	ng		98
77) Benzidine	19.66	184	314391	21.250	ng		98
78) Pyrene	19.84	202	917903	34.068	ng		100
80) Butylbenzylphthalate	20.70	149	411048	35.653	ng		96
81) Benzo(a)anthracene	21.68	228	851784	33.753	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	139813	14.564	ng	#	99
83) Chrysene	21.74	228	842437	34.735	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	589259	35.754	ng		98
85) Di-n-octyl phthalate	22.77	149	1019096	36.294	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1035517	34.909	ng		100
88) Benzo(b)fluoranthene	23.92	252	906907	34.619	ng		100
89) Benzo(k)fluoranthene	23.99	252	883688	36.681	ng		99
90) Benzo(a)pyrene	24.82	252	891429	36.267	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	840540	36.820	ng		98
92) Benzo(g,h,i)perylene	29.93	276	865412	36.888	ng		99

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

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