Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039977.D
Acq On : 18 Mar 2019 19:56
Operator : JU/SJ
Sample : PB117983BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Manual Integrations APPROVED
Sohil
3/20/2019 6:52:20 PM

Quant Time: Mar 19 08:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47564	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	206778	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	134804	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	321914	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	321858	20.00	ng		-0.02
87) Perylene-d12	25.17	264	320681	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	380461	136.46	ng		-0.02
7) Phenol-d6	7.30	99	533753	128.40	ng		-0.02
23) Nitrobenzene-d5	9.32	82	309479	80.95	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	199904	127.23	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	720343	76.08	ng		-0.02
79) Terphenyl-d14	20.11	244	1110676	75.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	41592	32.313	ng		98
3) Pyridine	3.98	79	96013	27.863	ng		98
4) n-Nitrosodimethylamine	3.90	42	65253	39.917	ng	#	93
6) Aniline	7.47	93	162376	29.813	ng		98
8) 2-Chlorophenol	7.71	128	133596	39.497	ng		97
9) Benzaldehyde	7.29	77	70645	26.344	ng		96
10) Phenol	7.32	94	177621	39.441	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	129834	36.977	ng		99
12) 1,3-Dichlorobenzene	8.03	146	138870	36.302	ng		99
13) 1,4-Dichlorobenzene	8.18	146	140233	35.989	ng		99
14) 1,2-Dichlorobenzene	8.50	146	137620	36.555	ng		97
15) Benzyl Alcohol	8.38	79	128624	39.005	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	273301	38.918	ng		99
17) 2-Methylphenol	8.58	107	116728	40.649	ng		98
18) Hexachloroethane	9.22	117	51493	36.830	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	106071	35.449	ng		98
20) 3+4-Methylphenols	8.91	107	156263	39.171	ng		98
22) Acetophenone	8.98	105	201208	36.255	ng	#	96
24) Nitrobenzene	9.36	77	161765	40.332	ng		97
25) Isophorone	9.88	82	298473	37.258	ng		99
26) 2-Nitrophenol	10.08	139	76293	39.397	ng	#	91
27) 2,4-Dimethylphenol	10.12	122	134047	44.507	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	179285	36.827	ng		97
29) 2,4-Dichlorophenol	10.60	162	144385	42.579	ng		91
30) 1,2,4-Trichlorobenzene	10.82	180	148859	39.012	ng		98
31) Naphthalene	11.02	128	415990	37.997	ng		100
32) Benzoic acid	10.26	122	66847	34.480	ng		95
33) 4-Chloroaniline	11.13	127	103159	22.221	ng		99
34) Hexachlorobutadiene	11.27	225	98485	37.770	ng		95
35) Caprolactam	11.92	113	46854m	36.171	ng		
36) 4-Chloro-3-methylphenol	12.23	107	153586	39.511	ng		99
37) 2-Methylnaphthalene	12.61	142	311267	38.029	ng		97
38) 1-Methylnaphthalene	12.83	142	296890	37.324	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	173981	38.097	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235195	96.101	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	115678	43.266	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	122007	40.484	ng		97
46) 1,1'-Biphenyl	13.61	154	419811	37.864	ng		98
47) 2-Chloronaphthalene	13.66	162	325733	39.052	ng		99
48) 2-Nitroaniline	13.86	65	114235	42.616	ng		96
49) Acenaphthylene	14.50	152	515145	37.622	ng		99
50) Dimethylphthalate	14.22	163	427921	37.963	ng		98
51) 2,6-Dinitrotoluene	14.35	165	94225	39.430	ng		99
52) Acenaphthene	14.84	154	312719	37.946	ng		99
53) 3-Nitroaniline	14.69	138	68897	28.682	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	75180	51.866	ng		92
55) Dibenzofuran	15.17	168	516195	38.176	ng		98
56) 4-Nitrophenol	14.98	139	153024	71.212	ng		96
57) 2,4-Dinitrotoluene	15.14	165	136768	40.732	ng		88
58) Fluorene	15.81	166	406321	38.225	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	121270	41.203	ng		100
60) Diethylphthalate	15.57	149	436716	39.137	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	217195	38.291	ng		99
62) 4-Nitroaniline	15.85	138	98358	37.770	ng		98
63) Azobenzene	16.10	77	399432	39.489	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	70555	37.068	ng		98
66) n-Nitrosodiphenylamine	16.02	169	368185	39.507	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	139309	38.661	ng		96
68) Hexachlorobenzene	16.81	284	144386	38.657	ng		95
69) Atrazine	16.96	200	139633	38.070	ng		96
70) Pentachlorophenol	17.16	266	173036	73.355	ng		99
71) Phenanthrene	17.56	178	678605	38.271	ng		99
72) Anthracene	17.65	178	684814	39.633	ng		100
73) Carbazole	17.92	167	593125	38.076	ng		99
74) Di-n-butylphthalate	18.45	149	716919	39.117	ng		99
75) Fluoranthene	19.56	202	799749	38.164	ng		98
77) Benzidine	19.74	184	315951	30.935	ng		99
78) Pyrene	19.93	202	795416	38.032	ng		99
80) Butylbenzylphthalate	20.78	149	333883	41.206	ng		98
81) Benzo(a)anthracene	21.78	228	781518	38.743	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	195130	26.496	ng		99
83) Chrysene	21.85	228	744575	38.074	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	469143	41.202	ng		98
85) Di-n-octyl phthalate	22.90	149	796490	42.247	ng		97
86) Indeno(1,2,3-cd)pyrene	29.04	276	873811	39.387	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	784910	41.046	ng		98
89) Benzo(k)fluoranthene	24.16	252	734808	41.280	ng		99
90) Benzo(a)pyrene	25.01	252	753612	42.648	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	706296	40.771	ng		97
92) Benzo(g,h,i)perylene	30.27	276	721463	41.467	ng		96

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

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