Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
Data File : BG039374.D
Acq On : 6 Feb 2019 17:17
Operator : JU/SJ
Sample : K1383-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Manual Integrations APPROVED
mohammad
2/7/2019 8:41:04 AM

Quant Time: Feb 07 01:22:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	52657	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	226890	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	148124	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	363367	20.00	ng		0.00
76) Chrysene-d12	21.84	240	372643	20.00	ng		0.00
87) Perylene-d12	25.22	264	389586	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	501853	163.12	ng		0.00
7) Phenol-d6	7.32	99	715871	158.07	ng		0.00
23) Nitrobenzene-d5	9.36	82	409989	112.89	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	273279	171.33	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	928760	89.95	ng		0.00
79) Terphenyl-d14	20.14	244	1481067	84.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	50795	37.743	ng		97
3) Pyridine	4.01	79	150798	42.321	ng		96
4) n-Nitrosodimethylamine	3.93	42	86688	48.647	ng		87
6) Aniline	7.51	93	167821	29.584	ng		100
8) 2-Chlorophenol	7.73	128	181934	54.098	ng		98
9) Benzaldehyde	7.32	77	97822	44.717	ng		97
10) Phenol	7.35	94	290342	61.502	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	173965	46.635	ng		98
12) 1,3-Dichlorobenzene	8.06	146	188026	46.152	ng		95
13) 1,4-Dichlorobenzene	8.22	146	190593	46.936	ng		98
14) 1,2-Dichlorobenzene	8.53	146	185798	47.264	ng		99
15) Benzyl Alcohol	8.42	79	172714	48.577	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	337843	40.105	ng		99
17) 2-Methylphenol	8.60	107	158528	51.891	ng		96
18) Hexachloroethane	9.26	117	65299	46.741	ng		95
19) n-Nitroso-di-n-propylamine	8.99	70	141582	44.047	ng		92
20) 3+4-Methylphenols	8.93	107	223047	53.019	ng		97
22) Acetophenone	9.01	105	269464	44.213	ng	#	95
24) Nitrobenzene	9.40	77	210532	53.657	ng		96
25) Isophorone	9.91	82	403913	50.187	ng		97
26) 2-Nitrophenol	10.11	139	95355	58.065	ng		97
27) 2,4-Dimethylphenol	10.15	122	186491	57.281	ng		94
28) bis(2-Chloroethoxy)methane	10.40	93	247054	49.837	ng		99
29) 2,4-Dichlorophenol	10.64	162	197094	55.391	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	199413	49.917	ng		96
31) Naphthalene	11.05	128	568140	50.475	ng		99
32) Benzoic acid	10.21	122	14596	14.581	ng		98
33) 4-Chloroaniline	11.16	127	94040	18.019	ng		97
34) Hexachlorobutadiene	11.32	225	126834	47.741	ng		93
35) Caprolactam	11.95	113	67006m	45.507	ng		
36) 4-Chloro-3-methylphenol	12.26	107	209539	50.919	ng		99
37) 2-Methylnaphthalene	12.65	142	420918	50.490	ng		98
38) 1-Methylnaphthalene	12.86	142	401328	49.940	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	234848	49.831	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	265903	103.540	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	164473	56.759	ng		97
44) 2,4,5-Trichlorophenol	13.31	196	174930	57.599	ng		98
46) 1,1'-Biphenyl	13.64	154	563652	45.735	ng		99
47) 2-Chloronaphthalene	13.68	162	434782	46.895	ng		98
48) 2-Nitroaniline	13.89	65	147664	54.157	ng		93
49) Acenaphthylene	14.53	152	701134	50.118	ng		99
50) Dimethylphthalate	14.25	163	642859	53.737	ng		100
51) 2,6-Dinitrotoluene	14.38	165	126715	55.489	ng		95
52) Acenaphthene	14.87	154	427648	47.093	ng		98
53) 3-Nitroaniline	14.71	138	76619	33.719	ng	#	94
54) 2,4-Dinitrophenol	14.91	184	94160	89.810	ng		96
55) Dibenzofuran	15.20	168	691066	47.464	ng		98
56) 4-Nitrophenol	14.99	139	237415	107.605	ng		92
57) 2,4-Dinitrotoluene	15.16	165	177650	59.742	ng		87
58) Fluorene	15.85	166	544515	50.168	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	176359	62.019	ng		96
60) Diethylphthalate	15.61	149	583883	47.205	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	289825	47.159	ng		98
62) 4-Nitroaniline	15.88	138	136832	53.971	ng		95
63) Azobenzene	16.13	77	531030	43.925	ng		97
65) 4,6-Dinitro-2-methylphenol	15.92	198	92631	59.212	ng		99
66) n-Nitrosodiphenylamine	16.05	169	511789	46.321	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	191976	47.623	ng		96
68) Hexachlorobenzene	16.84	284	195948	48.449	ng		95
69) Atrazine	16.99	200	206996	51.266	ng		97
70) Pentachlorophenol	17.18	266	270676	96.293	ng		99
71) Phenanthrene	17.59	178	916872	48.752	ng		99
72) Anthracene	17.68	178	924703	49.917	ng		99
73) Carbazole	17.95	167	838634	45.362	ng		100
74) Di-n-butylphthalate	18.48	149	989620	45.884	ng		99
75) Fluoranthene	19.59	202	1096287	50.222	ng		99
77) Benzidine	19.76	184	415149	33.980	ng		99
78) Pyrene	19.95	202	1096181	47.253	ng		99
80) Butylbenzylphthalate	20.82	149	474410	48.479	ng		94
81) Benzo(a)anthracene	21.82	228	1080573	49.074	ng		98
82) 3,3'-Dichlorobenzidine	21.73	252	184746	22.628	ng		99
83) Chrysene	21.89	228	1020540	48.688	ng		100
84) Bis(2-ethylhexyl)phthalate	21.69	149	660998	47.347	ng		99
85) Di-n-octyl phthalate	22.97	149	1129660	48.978	ng		96
86) Indeno(1,2,3-cd)pyrene	29.13	276	1240691	55.168	ng		98
88) Benzo(b)fluoranthene	24.14	252	1075051	50.599	ng		98
89) Benzo(k)fluoranthene	24.21	252	1026443	48.120	ng		99
90) Benzo(a)pyrene	25.07	252	1044648	51.054	ng		98
91) Dibenzo(a,h)anthracene	29.21	278	995942	51.974	ng		99
92) Benzo(g,h,i)perylene	30.36	276	1022942	53.558	ng		98

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

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