Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039443.D
Acq On : 11 Feb 2019 20:49
Operator : JU/SJ
Sample : K1356-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:47 PM

Quant Time: Feb 12 03:32:13 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	8.17	152	51005	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	229759	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	161233	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	384740	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	391791	20.00	ng	-0.02
87) Perylene-d12	25.21	264	406018	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	418828	140.54	ng	0.00
7) Phenol-d6	7.31	99	580571	132.35	ng	0.00
23) Nitrobenzene-d5	9.35	82	392658	106.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	277246	159.69	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	979587	87.16	ng	-0.01
79) Terphenyl-d14	20.13	244	1563503	84.47	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	45667	35.032	ng	# 33
3) Pyridine	4.02	79	127776	37.022	ng	94
4) n-Nitrosodimethylamine	3.92	42	71939	41.678	ng	85
6) Aniline	7.50	93	71613	13.033	ng	98
8) 2-Chlorophenol	7.73	128	164216	50.411	ng	97
9) Benzaldehyde	7.31	77	77661	33.935	ng	95
10) Phenol	7.34	94	200283	43.799	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	162936	45.093	ng	96
12) 1,3-Dichlorobenzene	8.06	146	168583	42.720	ng	97
13) 1,4-Dichlorobenzene	8.21	146	173378	44.079	ng	97
14) 1,2-Dichlorobenzene	8.52	146	166482	43.722	ng	99
15) Benzyl Alcohol	8.41	79	170601	49.537	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	303668	37.215	ng	100
17) 2-Methylphenol	8.60	107	149191	50.417	ng	98
18) Hexachloroethane	9.26	117	58925	43.544	ng	92
19) n-Nitroso-di-n-propylamine	8.98	70	139358	44.760	ng	94
20) 3+4-Methylphenols	8.93	107	207146	50.834	ng	97
22) Acetophenone	9.00	105	261616	42.390	ng	# 93
24) Nitrobenzene	9.39	77	199531	50.219	ng	95
25) Isophorone	9.90	82	401778	49.298	ng	99
26) 2-Nitrophenol	10.10	139	99142	59.194	ng	95
27) 2,4-Dimethylphenol	10.14	122	180093	54.625	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	238824	47.575	ng	99
29) 2,4-Dichlorophenol	10.63	162	194172	53.888	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	187646	46.385	ng	96
31) Naphthalene	11.04	128	545158	47.828	ng	99
32) Benzoic acid	10.27	122	107043	49.285	ng	97
33) 4-Chloroaniline	11.16	127	11245	2.128	ng	93
34) Hexachlorobutadiene	11.31	225	118572	44.074	ng	95
35) Caprolactam	11.94	113	55800m	37.423	ng	
36) 4-Chloro-3-methylphenol	12.25	107	209274	50.220	ng	97
37) 2-Methylnaphthalene	12.64	142	414923	49.149	ng	98
38) 1-Methylnaphthalene	12.85	142	400317	49.192	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	227597	44.366	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	287259	102.761	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	164286	52.085	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	178506	53.997	ng		97
46) 1,1'-Biphenyl	13.64	154	572647	42.687	ng		99
47) 2-Chloronaphthalene	13.68	162	442254	43.823	ng		98
48) 2-Nitroaniline	13.89	65	150339	51.192	ng		93
49) Acenaphthylene	14.52	152	717874	47.143	ng		97
50) Dimethylphthalate	14.25	163	602911	46.300	ng		99
51) 2,6-Dinitrotoluene	14.38	165	134896	54.413	ng		95
52) Acenaphthene	14.86	154	441166	44.632	ng		100
53) 3-Nitroaniline	14.70	138	13692	10.378	ng	#	98
54) 2,4-Dinitrophenol	14.90	184	128818	104.229	ng		95
55) Dibenzofuran	15.19	168	714300	45.071	ng		98
56) 4-Nitrophenol	14.99	139	215371	90.643	ng		88
57) 2,4-Dinitrotoluene	15.16	165	188757	58.503	ng	#	85
58) Fluorene	15.84	166	567369	48.024	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	177131	57.226	ng		96
60) Diethylphthalate	15.60	149	603735	44.842	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	306077	45.754	ng		96
62) 4-Nitroaniline	15.87	138	124841	45.918	ng		91
63) Azobenzene	16.12	77	535270	40.676	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	100927	60.402	ng		95
66) n-Nitrosodiphenylamine	16.04	169	519333	44.393	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	200615	47.002	ng		94
68) Hexachlorobenzene	16.83	284	208879	48.777	ng		95
69) Atrazine	16.98	200	209034	48.895	ng		97
70) Pentachlorophenol	17.18	266	265943	89.353	ng		97
71) Phenanthrene	17.58	178	945692	47.491	ng		98
72) Anthracene	17.68	178	955476	48.713	ng		98
73) Carbazole	17.94	167	846919	43.266	ng		99
74) Di-n-butylphthalate	18.48	149	1032535	45.214	ng		99
75) Fluoranthene	19.58	202	1131899	48.973	ng		99
77) Benzidine	19.76	184	101907	7.934	ng		98
78) Pyrene	19.94	202	1147909	47.065	ng		99
80) Butylbenzylphthalate	20.81	149	485152	47.154	ng		95
81) Benzo(a)anthracene	21.81	228	1127914	48.721	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	91899	10.706	ng		97
83) Chrysene	21.88	228	1052707	47.768	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	677569	46.162	ng		99
85) Di-n-octyl phthalate	22.95	149	1141680	47.080	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1283099	54.265	ng	#	93
88) Benzo(b)fluoranthene	24.13	252	1127382	50.915	ng		98
89) Benzo(k)fluoranthene	24.20	252	1047647	47.127	ng		99
90) Benzo(a)pyrene	25.05	252	1079538	50.624	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	1031550	51.653	ng		98
92) Benzo(g,h,i)perylene	30.34	276	1058744	53.189	ng		96

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

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