Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
Data File : BG038475.D
Acq On : 11 Dec 2018 18:39
Operator : JU/SJ
Sample : J6195-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

Manual Integrations APPROVED
Sohil
12/12/2018 5:38:40 PM

Quant Time: Dec 12 03:44:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24742	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	105515	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	69815	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	179850	20.00	ng		0.00
76) Chrysene-d12	21.74	240	172229	20.00	ng		0.00
87) Perylene-d12	25.04	264	199751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	203679	145.68	ng		0.00
7) Phenol-d6	7.22	99	257400	127.38	ng		0.00
23) Nitrobenzene-d5	9.25	82	198438	93.37	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	146363	170.77	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	460180	93.92	ng		0.00
79) Terphenyl-d14	20.06	244	840590	104.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	22211	34.662	ng	#	6
3) Pyridine	3.92	79	66565	34.723	ng	#	87
4) n-Nitrosodimethylamine	3.83	42	41918	49.918	ng	#	78
6) Aniline	7.40	93	24872	9.637	ng		97
8) 2-Chlorophenol	7.63	128	78211	48.166	ng		96
9) Benzaldehyde	7.21	77	35222	27.526	ng		98
10) Phenol	7.25	94	89458	41.899	ng		92
11) bis(2-Chloroethyl)ether	7.49	93	74060	42.354	ng		99
12) 1,3-Dichlorobenzene	7.96	146	81976	43.195	ng		100
13) 1,4-Dichlorobenzene	8.11	146	84133	42.847	ng		99
14) 1,2-Dichlorobenzene	8.42	146	80686	45.797	ng		96
15) Benzyl Alcohol	8.31	79	75156	45.238	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	169036	42.500	ng		95
17) 2-Methylphenol	8.51	107	69495	47.604	ng		95
18) Hexachloroethane	9.15	117	30990	43.728	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	62204	42.235	ng	#	88
20) 3+4-Methylphenols	8.83	107	94881	44.111	ng		93
22) Acetophenone	8.90	105	122161	48.517	ng	#	94
24) Nitrobenzene	9.29	77	97972	45.373	ng		97
25) Isophorone	9.80	82	183692	49.183	ng	#	98
26) 2-Nitrophenol	10.00	139	48064	48.041	ng	#	88
27) 2,4-Dimethylphenol	10.04	122	83141	57.857	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	103813	48.486	ng		97
29) 2,4-Dichlorophenol	10.53	162	87742	53.489	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	90573	47.036	ng		96
31) Naphthalene	10.94	128	252827	50.162	ng		100
32) Benzoic acid	10.19	122	36438m	36.935	ng		
33) 4-Chloroaniline	11.07	127	4868m	2.182	ng		
34) Hexachlorobutadiene	11.20	225	56986	47.304	ng		94
35) Caprolactam	11.84	113	23595m	34.783	ng		
36) 4-Chloro-3-methylphenol	12.17	107	97060	53.255	ng		97
37) 2-Methylnaphthalene	12.54	142	192214	53.551	ng		96
38) 1-Methylnaphthalene	12.76	142	182247m	53.013	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	111252	46.310	ng		98

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Quant Time: Dec 12 03:44:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	122566	92.841	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	79708	51.220	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	88090	53.433	ng		97
46) 1,1'-Biphenyl	13.54	154	252989	42.870	ng		97
47) 2-Chloronaphthalene	13.59	162	202152	45.395	ng		99
48) 2-Nitroaniline	13.80	65	72547	48.559	ng		98
49) Acenaphthylene	14.43	152	339705	50.651	ng		99
50) Dimethylphthalate	14.16	163	285633	51.008	ng		99
51) 2,6-Dinitrotoluene	14.29	165	63485	49.630	ng	#	90
52) Acenaphthene	14.77	154	197668	48.346	ng		99
53) 3-Nitroaniline	14.62	138	6367	4.622	ng	#	88
54) 2,4-Dinitrophenol	14.83	184	41898	59.752	ng	#	86
55) Dibenzofuran	15.10	168	326380	48.285	ng		96
56) 4-Nitrophenol	14.92	139	82784	76.071	ng	#	80
57) 2,4-Dinitrotoluene	15.07	165	91071	51.620	ng		94
58) Fluorene	15.75	166	267309	53.677	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	83243	58.137	ng		94
60) Diethylphthalate	15.51	149	296863	47.851	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	148548	49.662	ng		100
62) 4-Nitroaniline	15.79	138	62071	45.809	ng	#	82
63) Azobenzene	16.03	77	258127	47.542	ng		93
65) 4,6-Dinitro-2-methylphenol	15.83	198	43624	37.020	ng		89
66) n-Nitrosodiphenylamine	15.96	169	248941	49.223	ng		100
67) 4-Bromophenyl-phenylether	16.64	248	99884	51.428	ng		100
68) Hexachlorobenzene	16.75	284	102307	51.069	ng		98
69) Atrazine	16.90	200	101141	53.595	ng		97
70) Pentachlorophenol	17.09	266	93876	68.416	ng		98
71) Phenanthrene	17.50	178	465206	51.651	ng		99
72) Anthracene	17.59	178	476356	54.614	ng		99
73) Carbazole	17.86	167	422157	48.766	ng		97
74) Di-n-butylphthalate	18.39	149	507681	50.199	ng		98
75) Fluoranthene	19.50	202	571139	54.275	ng		97
77) Benzidine	19.69	184	107289	18.461	ng		97
78) Pyrene	19.87	202	569370	47.249	ng		97
80) Butylbenzylphthalate	20.74	149	227365	46.911	ng		97
81) Benzo(a)anthracene	21.72	228	546981	51.673	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	75880	18.427	ng	#	97
83) Chrysene	21.78	228	508952	50.809	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	320338	46.630	ng		98
85) Di-n-octyl phthalate	22.82	149	540086	45.850	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	610449	53.623	ng	#	97
88) Benzo(b)fluoranthene	23.99	252	547604	48.518	ng	#	98
89) Benzo(k)fluoranthene	24.06	252	530372m	47.182	ng		
90) Benzo(a)pyrene	24.89	252	634615	57.967	ng		98
91) Dibenzo(a,h)anthracene	28.90	278	492479	47.429	ng	#	96
92) Benzo(g,h,i)perylene	30.04	276	499687	48.505	ng	#	93

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

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