Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038346.D
Acq On : 5 Dec 2018 5:08
Operator : JU/SJ
Sample : PB115253BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115253BS

Manual Integrations APPROVED
mohammad
12/6/2018 9:32:44 AM

Quant Time: Dec 05 07:25:12 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	29461	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	194500	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	84065	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	207707	20.00	ng		0.00
76) Chrysene-d12	21.74	240	199763	20.00	ng		0.00
87) Perylene-d12	25.05	264	214325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	182129	109.40	ng		0.00
7) Phenol-d6	7.22	99	254572	105.80	ng		0.00
23) Nitrobenzene-d5	9.25	82	159834	40.80	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	107442	104.11	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	370611	62.82	ng		0.00
79) Terphenyl-d14	20.06	244	643855	69.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19667	25.776	ng	#	85
3) Pyridine	3.90	79	87599	38.375	ng		98
4) n-Nitrosodimethylamine	3.83	42	43969	43.974	ng		97
6) Aniline	7.40	93	43662	14.207	ng		96
8) 2-Chlorophenol	7.63	128	74808	38.691	ng		98
9) Benzaldehyde	7.21	77	37526	24.629	ng		96
10) Phenol	7.25	94	96696	38.035	ng		90
11) bis(2-Chloroethyl)ether	7.49	93	67516	32.427	ng		98
12) 1,3-Dichlorobenzene	7.96	146	72191	31.946	ng		95
13) 1,4-Dichlorobenzene	8.11	146	76392	32.673	ng		98
14) 1,2-Dichlorobenzene	8.43	146	72116	31.844	ng		98
15) Benzyl Alcohol	8.31	79	73420	37.114	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153098	32.327	ng		96
17) 2-Methylphenol	8.50	107	67022	37.248	ng		96
18) Hexachloroethane	9.15	117	28691	33.999	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	58030	32.608	ng		95
20) 3+4-Methylphenols	8.83	107	91092	35.566	ng		97
22) Acetophenone	8.90	105	108724	21.987	ng	#	92
24) Nitrobenzene	9.29	77	87887	22.081	ng		96
25) Isophorone	9.80	82	165982	24.109	ng	#	98
26) 2-Nitrophenol	10.00	139	42042	22.797	ng		90
27) 2,4-Dimethylphenol	10.04	122	76620	28.925	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	96452	24.438	ng		99
29) 2,4-Dichlorophenol	10.53	162	80040	26.471	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	119795	33.749	ng		99
31) Naphthalene	10.94	128	339494	36.541	ng		99
32) Benzoic acid	10.18	122	36905	22.437	ng		99
33) 4-Chloroaniline	11.06	127	25850	6.285	ng		96
34) Hexachlorobutadiene	11.20	225	62056	27.945	ng		95
35) Caprolactam	11.84	113	40661m	32.518	ng		
36) 4-Chloro-3-methylphenol	12.16	107	89444	26.623	ng		96
37) 2-Methylnaphthalene	12.54	142	174522	26.377	ng		97
38) 1-Methylnaphthalene	12.76	142	165344	26.092	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	93346	32.270	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	131043	82.436	ng		100
43) 2,4,6-Trichlorophenol	13.14	196	68621	36.621	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	77014	38.796	ng		94
46) 1,1'-Biphenyl	13.54	154	230670	32.462	ng		98
47) 2-Chloronaphthalene	13.59	162	180527	33.667	ng		98
48) 2-Nitroaniline	13.80	65	64421	35.811	ng		97
49) Acenaphthylene	14.43	152	304867	37.751	ng		98
50) Dimethylphthalate	14.16	163	250366	37.131	ng		98
51) 2,6-Dinitrotoluene	14.29	165	56004	36.360	ng		97
52) Acenaphthene	14.77	154	173858	35.314	ng		99
53) 3-Nitroaniline	14.62	138	16173	9.750	ng	#	89
54) 2,4-Dinitrophenol	14.83	184	63800	75.564	ng	#	80
55) Dibenzofuran	15.11	168	286360	35.183	ng		97
56) 4-Nitrophenol	14.92	139	97431	74.353	ng	#	82
57) 2,4-Dinitrotoluene	15.07	165	80092	37.702	ng		97
58) Fluorene	15.76	166	232893	38.839	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	69819	40.496	ng		97
60) Diethylphthalate	15.51	149	262915	35.195	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	124467	34.557	ng		99
62) 4-Nitroaniline	15.79	138	58079	35.597	ng		91
63) Azobenzene	16.03	77	234910	35.932	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	48013	35.280	ng		94
66) n-Nitrosodiphenylamine	15.96	169	215742	36.937	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	81341	36.264	ng		95
68) Hexachlorobenzene	16.75	284	84179	36.385	ng		97
69) Atrazine	16.90	200	84233	38.649	ng		98
70) Pentachlorophenol	17.10	266	100651	63.516	ng		96
71) Phenanthrene	17.50	178	403918	38.831	ng		98
72) Anthracene	17.59	178	418505	41.546	ng		99
73) Carbazole	17.86	167	380373	38.046	ng		99
74) Di-n-butylphthalate	18.39	149	456416	39.078	ng		98
75) Fluoranthene	19.50	202	491084	40.409	ng		98
77) Benzidine	19.69	184	87770	13.020	ng		100
78) Pyrene	19.87	202	500599	35.816	ng		97
80) Butylbenzylphthalate	20.74	149	205263	36.513	ng		99
81) Benzo(a)anthracene	21.72	228	470253	38.302	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	61423	12.860	ng		96
83) Chrysene	21.79	228	434230	37.374	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	283690	35.604	ng		99
85) Di-n-octyl phthalate	22.82	149	490269	35.884	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	521609	39.503	ng		99
88) Benzo(b)fluoranthene	23.99	252	457912	37.812	ng		99
89) Benzo(k)fluoranthene	24.06	252	445444	36.932	ng		99
90) Benzo(a)pyrene	24.89	252	445518	37.927	ng		97
91) Dibenzo(a,h)anthracene	28.90	278	432723	38.841	ng		98
92) Benzo(g,h,i)perylene	30.04	276	434930	39.348	ng		95

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

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