Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038361.D
Acq On : 5 Dec 2018 15:39
Operator : JU/SJ
Sample : PB115249BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115249BS

Quant Time: Dec 05 16:27:45 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	32287	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	162593	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	76399	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	195238	20.00	ng		0.00
76) Chrysene-d12	21.74	240	187542	20.00	ng		0.00
87) Perylene-d12	25.04	264	200015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	158827	87.05	ng		0.00
7) Phenol-d6	7.22	99	206896	78.46	ng		0.00
23) Nitrobenzene-d5	9.25	82	126177	38.53	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	88704	94.58	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	299525	55.86	ng		0.00
79) Terphenyl-d14	20.06	244	539675	61.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	15717	18.796	ng	#	89
3) Pyridine	3.90	79	66734	26.676	ng		98
4) n-Nitrosodimethylamine	3.83	42	36886	33.661	ng		96
6) Aniline	7.40	93	42616	12.653	ng		98
8) 2-Chlorophenol	7.63	128	58145	27.441	ng		98
9) Benzaldehyde	7.21	77	30481	18.254	ng		93
10) Phenol	7.25	94	77133	27.684	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	53930	23.634	ng		98
12) 1,3-Dichlorobenzene	7.96	146	73005	29.479	ng		97
13) 1,4-Dichlorobenzene	8.11	146	66568	25.979	ng		99
14) 1,2-Dichlorobenzene	8.42	146	73788	29.057	ng		98
15) Benzyl Alcohol	8.31	79	69313	31.971	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	136393	26.279	ng		97
17) 2-Methylphenol	8.51	107	61396	30.005	ng		98
18) Hexachloroethane	9.15	117	23251	25.141	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	51067	25.746	ng		95
20) 3+4-Methylphenols	8.83	107	83728	29.829	ng		97
22) Acetophenone	8.90	105	91933	22.271	ng	#	94
24) Nitrobenzene	9.29	77	68224	20.504	ng		96
25) Isophorone	9.80	82	130852	22.736	ng		100
26) 2-Nitrophenol	10.00	139	32243	20.914	ng		94
27) 2,4-Dimethylphenol	10.04	122	59967	27.081	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	76593	23.215	ng		95
29) 2,4-Dichlorophenol	10.53	162	62112	24.572	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	97551	32.876	ng		100
31) Naphthalene	10.94	128	269608	34.714	ng		100
32) Benzoic acid	10.17	122	25372	19.297	ng		91
33) 4-Chloroaniline	11.07	127	35087	10.205	ng		97
34) Hexachlorobutadiene	11.20	225	50903	27.421	ng		96
35) Caprolactam	11.83	113	38891	37.206	ng		93
36) 4-Chloro-3-methylphenol	12.16	107	100384	35.743	ng		99
37) 2-Methylnaphthalene	12.54	142	145244	26.260	ng		98
38) 1-Methylnaphthalene	12.76	142	133875	25.272	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	74043	28.165	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	103163	71.409	ng		100
43) 2,4,6-Trichlorophenol	13.14	196	55223	32.428	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	61580	34.134	ng		97
46) 1,1'-Biphenyl	13.54	154	179329	27.769	ng		98
47) 2-Chloronaphthalene	13.59	162	144465	29.645	ng		98
48) 2-Nitroaniline	13.80	65	51745	31.650	ng		98
49) Acenaphthylene	14.43	152	243808	33.220	ng		98
50) Dimethylphthalate	14.16	163	201421	32.870	ng		98
51) 2,6-Dinitrotoluene	14.29	165	44047	31.467	ng		94
52) Acenaphthene	14.77	154	137990	30.841	ng		99
53) 3-Nitroaniline	14.62	138	21958	14.565	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	47363	61.725	ng		90
55) Dibenzofuran	15.10	168	231964	31.360	ng		96
56) 4-Nitrophenol	14.92	139	76025	63.839	ng		90
57) 2,4-Dinitrotoluene	15.07	165	64777	33.552	ng	#	94
58) Fluorene	15.76	166	185302	34.003	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	54892	35.033	ng		97
60) Diethylphthalate	15.51	149	212127	31.246	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	100458	30.690	ng		99
62) 4-Nitroaniline	15.78	138	48288	32.566	ng		90
63) Azobenzene	16.03	77	191750	32.273	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	37365	29.209	ng		98
66) n-Nitrosodiphenylamine	15.96	169	172208	31.367	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	64101	30.403	ng		96
68) Hexachlorobenzene	16.75	284	68937	31.700	ng		98
69) Atrazine	16.90	200	69182	33.770	ng		98
70) Pentachlorophenol	17.10	266	77230	51.848	ng		95
71) Phenanthrene	17.50	178	328311	33.579	ng		98
72) Anthracene	17.59	178	335821	35.467	ng		99
73) Carbazole	17.86	167	305963	32.558	ng		98
74) Di-n-butylphthalate	18.39	149	372735	33.951	ng		98
75) Fluoranthene	19.50	202	406067	35.547	ng		98
77) Benzidine	19.69	184	83451	13.186	ng		96
78) Pyrene	19.87	202	409084	31.176	ng		97
80) Butylbenzylphthalate	20.74	149	164467	31.163	ng		98
81) Benzo(a)anthracene	21.72	228	381570	33.104	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	60931	13.589	ng		95
83) Chrysene	21.78	228	350852	32.166	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	230235	30.778	ng		98
85) Di-n-octyl phthalate	22.82	149	392703	30.616	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	425355	34.313	ng	#	94
88) Benzo(b)fluoranthene	23.99	252	364754	32.275	ng		98
89) Benzo(k)fluoranthene	24.06	252	357345	31.747	ng		99
90) Benzo(a)pyrene	24.89	252	361781	33.002	ng	#	98
91) Dibenzo(a,h)anthracene	28.90	278	355908	34.231	ng		98
92) Benzo(g,h,i)perylene	30.04	276	350576	33.985	ng	#	95

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

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