Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037731.D
Acq On : 1 Nov 2018 23:05
Operator : JU/SJ
Sample : PB114358BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114358BS

Quant Time: Nov 02 07:12:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56677	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	253753	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	169154	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	378518	20.00	ng		0.00
76) Chrysene-d12	21.77	240	304534	20.00	ng		0.00
87) Perylene-d12	25.10	264	310367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	226766	66.89	ng		0.00
7) Phenol-d6	7.24	99	331898	64.75	ng		0.00
23) Nitrobenzene-d5	9.27	82	290103	64.04	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	124040	67.23	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	717552	63.97	ng		0.00
79) Terphenyl-d14	20.08	244	967069	67.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	29618	17.228	ng		97
3) Pyridine	3.93	79	94736	21.863	ng		96
4) n-Nitrosodimethylamine	3.85	42	48622	31.503	ng		99
6) Aniline	7.42	93	82192	13.143	ng		98
8) 2-Chlorophenol	7.66	128	129426	32.635	ng		97
9) Benzaldehyde	7.24	77	92889	28.968	ng		93
10) Phenol	7.27	94	170082	31.446	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	113257	27.571	ng		99
12) 1,3-Dichlorobenzene	7.99	146	126082	28.557	ng		96
13) 1,4-Dichlorobenzene	8.13	146	129902	28.763	ng		96
14) 1,2-Dichlorobenzene	8.46	146	126199	29.049	ng		98
15) Benzyl Alcohol	8.34	79	114950	30.348	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	218687	29.752	ng		97
17) 2-Methylphenol	8.53	107	116104	32.470	ng		98
18) Hexachloroethane	9.19	117	47057	30.563	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	97893	27.732	ng		97
20) 3+4-Methylphenols	8.86	107	162660	31.817	ng		97
22) Acetophenone	8.93	105	185191	29.100	ng	#	98
24) Nitrobenzene	9.32	77	145139	30.843	ng		95
25) Isophorone	9.83	82	282091	34.083	ng		99
26) 2-Nitrophenol	10.03	139	71787	33.863	ng		99
27) 2,4-Dimethylphenol	10.07	122	138462	36.581	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	170582	31.457	ng		98
29) 2,4-Dichlorophenol	10.56	162	141448	33.564	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	140368	30.628	ng		99
31) Naphthalene	10.97	128	411905	33.048	ng		99
32) Benzoic acid	10.18	122	77653	31.586	ng		96
33) 4-Chloroaniline	11.08	127	63871	10.907	ng		96
34) Hexachlorobutadiene	11.24	225	85451	31.460	ng		97
35) Caprolactam	11.86	113	49727	29.421	ng		98
36) 4-Chloro-3-methylphenol	12.18	107	156030	32.829	ng		99
37) 2-Methylnaphthalene	12.57	142	313177	34.470	ng		99
38) 1-Methylnaphthalene	12.79	142	303156	34.358	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	168778	30.934	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	207752	79.713	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	119851	32.880	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	133556	33.652	ng		99
46) 1,1'-Biphenyl	13.57	154	413523	29.519	ng		99
47) 2-Chloronaphthalene	13.62	162	327705	30.920	ng		99
48) 2-Nitroaniline	13.82	65	104923	32.646	ng		99
49) Acenaphthylene	14.46	152	532748	33.416	ng		100
50) Dimethylphthalate	14.18	163	411573	31.451	ng		99
51) 2,6-Dinitrotoluene	14.32	165	91286	31.533	ng		94
52) Acenaphthene	14.80	154	310750	31.649	ng		100
53) 3-Nitroaniline	14.64	138	63226	19.674	ng	#	97
54) 2,4-Dinitrophenol	14.84	184	48731	50.587	ng		93
55) Dibenzofuran	15.13	168	500146	30.745	ng		99
56) 4-Nitrophenol	14.94	139	193739	81.444	ng		98
57) 2,4-Dinitrotoluene	15.10	165	127891	33.655	ng		96
58) Fluorene	15.78	166	406523	33.370	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	115899	34.108	ng		98
60) Diethylphthalate	15.54	149	421083	31.343	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	213944	30.131	ng		100
62) 4-Nitroaniline	15.81	138	96713	30.285	ng		98
63) Azobenzene	16.06	77	402524	31.402	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	55636	31.553	ng		93
66) n-Nitrosodiphenylamine	15.98	169	365537	32.104	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	131931	31.739	ng		100
68) Hexachlorobenzene	16.77	284	133651	31.023	ng		98
69) Atrazine	16.92	200	135199	32.842	ng		99
70) Pentachlorophenol	17.12	266	149387	51.768	ng		93
71) Phenanthrene	17.52	178	642062	33.376	ng		99
72) Anthracene	17.62	178	656811	34.791	ng		98
73) Carbazole	17.89	167	585057	30.981	ng		99
74) Di-n-butylphthalate	18.42	149	699796	33.312	ng		99
75) Fluoranthene	19.53	202	703584	32.247	ng		99
77) Benzidine	19.71	184	208087	20.095	ng		99
78) Pyrene	19.89	202	688971	34.608	ng		99
80) Butylbenzylphthalate	20.76	149	291994	35.839	ng		97
81) Benzo(a)anthracene	21.75	228	620031	34.421	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	123523	17.692	ng		96
83) Chrysene	21.82	228	584359	33.738	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	414536	36.298	ng		99
85) Di-n-octyl phthalate	22.86	149	695763	37.361	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	536654	28.887	ng		99
88) Benzo(b)fluoranthene	24.03	252	579807	34.075	ng		99
89) Benzo(k)fluoranthene	24.10	252	572655	34.351	ng		97
90) Benzo(a)pyrene	24.94	252	558578	34.547	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	419096	28.100	ng		99
92) Benzo(g,h,i)perylene	30.13	276	461057	30.556	ng		97

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

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