Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036506.D
Acq On : 31 Aug 2018 15:12
Operator : JU/SJ
Sample : PB112500BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112500BS

Quant Time: Aug 31 16:16:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61116	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	261199	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	173056	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	454746	20.00	ng		0.00
75) Chrysene-d12	21.70	240	467356	20.00	ng		0.00
86) Perylene-d12	24.90	264	488356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	474168	123.07	ng		0.00
7) Phenol-d6	7.22	99	656179	118.96	ng		0.00
23) Nitrobenzene-d5	9.22	82	387308	80.45	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	281304	136.23	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	916157	75.59	ng		0.00
78) Terphenyl-d14	20.03	244	1579722	79.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	58916	32.767	ng		97
3) Pyridine	3.92	79	176981	35.067	ng		95
4) n-Nitrosodimethylamine	3.84	42	89206	39.683	ng		93
6) Aniline	7.38	93	204276	29.175	ng		96
8) 2-Chlorophenol	7.62	128	190757	45.657	ng		97
9) Benzaldehyde	7.20	77	105355	27.735	ng		94
10) Phenol	7.24	94	265643	46.018	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	178884	39.088	ng		97
12) 1,3-Dichlorobenzene	7.95	146	189548	39.731	ng		96
13) 1,4-Dichlorobenzene	8.09	146	192178	39.898	ng		99
14) 1,2-Dichlorobenzene	8.41	146	183840	39.965	ng		97
15) Benzyl Alcohol	8.29	79	185343	41.680	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	324856	35.198	ng		97
17) 2-Methylphenol	8.49	107	177344	46.267	ng		98
18) Hexachloroethane	9.15	117	69048	39.983	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	153641	37.268	ng		95
20) 3+4-Methylphenols	8.82	107	249191	46.565	ng		98
22) Acetophenone	8.88	105	286164	41.721	ng	#	98
24) Nitrobenzene	9.26	77	223176	42.991	ng		95
25) Isophorone	9.79	82	427861	44.739	ng		98
26) 2-Nitrophenol	9.97	139	102258	49.710	ng		95
27) 2,4-Dimethylphenol	10.03	122	197404	51.832	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	252784	43.068	ng		98
29) 2,4-Dichlorophenol	10.51	162	210002	50.313	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	207539	42.504	ng		98
31) Naphthalene	10.91	128	582653	44.623	ng		99
32) Benzoic acid	10.15	122	97876	35.908	ng		93
33) 4-Chloroaniline	11.02	127	124177	20.754	ng		98
34) Hexachlorobutadiene	11.20	225	138436	42.197	ng		98
35) Caprolactam	11.79	113	78288	47.084	ng		91
36) 4-Chloro-3-methylphenol	12.13	107	228957	47.208	ng		99
37) 2-Methylnaphthalene	12.51	142	453038	47.419	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	262640	42.885	ng		99
40) Hexachlorocyclopentadiene	12.87	237	321486	100.892	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	181254	48.586	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	201428	50.622	ng		97
45) 1,1'-Biphenyl	13.52	154	594007	41.351	ng		99
46) 2-Chloronaphthalene	13.56	162	456303	41.609	ng		99
47) 2-Nitroaniline	13.76	65	167317	48.587	ng		98
48) Acenaphthylene	14.41	152	776151	45.286	ng		99
49) Dimethylphthalate	14.14	163	632925	44.790	ng		99
50) 2,6-Dinitrotoluene	14.25	165	139768	48.067	ng		97
51) Acenaphthene	14.75	154	484979	44.184	ng		99
52) 3-Nitroaniline	14.58	138	104108	33.224	ng		94
53) 2,4-Dinitrophenol	14.79	184	55901	50.755	ng		92
54) Dibenzofuran	15.08	168	742115	43.155	ng		99
55) 4-Nitrophenol	14.89	139	226795	88.521	ng		99
56) 2,4-Dinitrotoluene	15.04	165	198016	52.251	ng		90
57) Fluorene	15.73	166	599335	46.621	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	200790	53.708	ng		94
59) Diethylphthalate	15.50	149	625396	43.915	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	348647	43.920	ng		97
61) 4-Nitroaniline	15.75	138	158277	48.270	ng		95
62) Azobenzene	16.01	77	600232	41.424	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	67226	33.653	ng		91
65) n-Nitrosodiphenylamine	15.94	169	559952	41.441	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	232201	43.613	ng		99
67) Hexachlorobenzene	16.73	284	235589	43.274	ng		96
68) Atrazine	16.88	200	233875	46.113	ng		100
69) Pentachlorophenol	17.07	266	255800	69.135	ng		98
70) Phenanthrene	17.47	178	1026195	44.411	ng		97
71) Anthracene	17.56	178	1050371	45.602	ng		98
72) Carbazole	17.83	167	944644	41.065	ng		100
73) Di-n-butylphthalate	18.39	149	1068421	41.710	ng		99
74) Fluoranthene	19.48	202	1283688	45.566	ng		99
76) Benzidine	19.65	184	518552	34.777	ng		99
77) Pyrene	19.83	202	1269732	44.181	ng		98
79) Butylbenzylphthalate	20.72	149	504717	44.128	ng		95
80) Benzo(a)anthracene	21.67	228	1263367	44.621	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	292614	25.932	ng		99
82) Chrysene	21.74	228	1176669	43.845	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	689662	43.090	ng		99
84) Di-n-octyl phthalate	22.80	149	1169436	43.744	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1433937	46.002	ng	#	94
87) Benzo(b)fluoranthene	23.89	252	1300974	47.974	ng		96
88) Benzo(k)fluoranthene	23.95	252	1192700	45.019	ng		99
89) Benzo(a)pyrene	24.75	252	1236935	47.467	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	1162775	46.220	ng		98
91) Benzo(g,h,i)perylene	29.70	276	1150132	45.494	ng		97

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

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