Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037946.D
Acq On : 12 Nov 2018 16:08
Operator : JU/SJ
Sample : J5895-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1MSD

Quant Time: Nov 12 17:17:06 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	8.09	152	48719	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	220805	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	142739	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	320141	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	275692	20.00	ng		-0.02
87) Perylene-d12	25.08	264	268641	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	350110	120.14	ng		-0.01
7) Phenol-d6	7.24	99	515716	117.04	ng		-0.01
23) Nitrobenzene-d5	9.27	82	311985	79.15	ng		-0.02
42) 2,4,6-Tribromophenol	16.22	330	179773	115.47	ng		-0.01
45) 2-Fluorobiphenyl	13.34	172	726297	76.73	ng		-0.02
79) Terphenyl-d14	20.07	244	990363	76.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	34108	23.080	ng		95
3) Pyridine	3.93	79	104783	28.132	ng		96
4) n-Nitrosodimethylamine	3.84	42	47813	36.039	ng	#	99
6) Aniline	7.42	93	142719	26.550	ng		99
8) 2-Chlorophenol	7.65	128	132068	38.741	ng		98
9) Benzaldehyde	7.23	77	81450	29.549	ng		97
10) Phenol	7.26	94	204417	43.968	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	124844	35.355	ng		96
12) 1,3-Dichlorobenzene	7.98	146	131016	34.522	ng		97
13) 1,4-Dichlorobenzene	8.13	146	133650	34.427	ng		97
14) 1,2-Dichlorobenzene	8.44	146	128576	34.431	ng		99
15) Benzyl Alcohol	8.33	79	117987	36.238	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.61	45	225559	35.700	ng		97
17) 2-Methylphenol	8.53	107	122617	39.892	ng		98
18) Hexachloroethane	9.17	117	47892	36.186	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	102637	33.825	ng		98
20) 3+4-Methylphenols	8.85	107	168261	38.288	ng		97
22) Acetophenone	8.92	105	197548	35.673	ng	#	97
24) Nitrobenzene	9.31	77	153730	37.543	ng		97
25) Isophorone	9.82	82	293704	40.781	ng		97
26) 2-Nitrophenol	10.02	139	77602	42.069	ng		97
27) 2,4-Dimethylphenol	10.07	122	140543	42.672	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	181209	38.403	ng		100
29) 2,4-Dichlorophenol	10.55	162	149143	40.671	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	148792	37.311	ng		95
31) Naphthalene	10.96	128	432959	39.921	ng		99
32) Benzoic acid	10.16	122	37686	17.617	ng		90
33) 4-Chloroaniline	11.07	127	124252	24.383	ng		97
34) Hexachlorobutadiene	11.22	225	85573	36.206	ng		97
35) Caprolactam	11.86	113	51124	34.761	ng		93
36) 4-Chloro-3-methylphenol	12.17	107	157664	38.123	ng		98
37) 2-Methylnaphthalene	12.56	142	331026	41.871	ng		99
38) 1-Methylnaphthalene	12.78	142	312258	40.671	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	172246	37.411	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	195393	88.845	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	124379	40.436	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	129817	38.763	ng		98
46) 1,1'-Biphenyl	13.56	154	426208	36.054	ng		98
47) 2-Chloronaphthalene	13.61	162	342218	38.265	ng		97
48) 2-Nitroaniline	13.81	65	107318	39.571	ng		93
49) Acenaphthylene	14.45	152	557849	41.466	ng		100
50) Dimethylphthalate	14.17	163	520514	47.137	ng		100
51) 2,6-Dinitrotoluene	14.30	165	97614	39.959	ng		92
52) Acenaphthene	14.79	154	322478	38.921	ng		96
53) 3-Nitroaniline	14.64	138	84716	31.239	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	49898	57.057	ng		96
55) Dibenzofuran	15.12	168	519815	37.867	ng		100
56) 4-Nitrophenol	14.93	139	138171	68.833	ng		96
57) 2,4-Dinitrotoluene	15.09	165	135159	42.150	ng		92
58) Fluorene	15.77	166	417273	40.592	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	114574	39.957	ng		99
60) Diethylphthalate	15.52	149	434033	38.285	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	218164	36.411	ng		96
62) 4-Nitroaniline	15.80	138	98361	36.502	ng		94
63) Azobenzene	16.05	77	398146	36.809	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	60725	38.248	ng		94
66) n-Nitrosodiphenylamine	15.98	169	373912	38.828	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	133200	37.887	ng		99
68) Hexachlorobenzene	16.76	284	137055	37.614	ng		98
69) Atrazine	16.92	200	132434	38.037	ng		98
70) Pentachlorophenol	17.11	266	148928	61.020	ng		94
71) Phenanthrene	17.52	178	658336	40.462	ng		99
72) Anthracene	17.61	178	667769	41.821	ng		100
73) Carbazole	17.88	167	596575	37.351	ng		98
74) Di-n-butylphthalate	18.41	149	707243	39.805	ng		99
75) Fluoranthene	19.52	202	752839	40.796	ng		100
77) Benzidine	19.71	184	261592	27.905	ng		98
78) Pyrene	19.88	202	757957	42.056	ng		99
80) Butylbenzylphthalate	20.75	149	320409	43.440	ng		96
81) Benzo(a)anthracene	21.73	228	683454	41.912	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	179053	28.328	ng		98
83) Chrysene	21.80	228	654897	41.766	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	447099	43.245	ng		99
85) Di-n-octyl phthalate	22.84	149	759121	45.027	ng		97
86) Indeno(1,2,3-cd)pyrene	28.89	276	597071	35.502	ng	#	91
88) Benzo(b)fluoranthene	24.02	252	632101	42.919	ng		98
89) Benzo(k)fluoranthene	24.08	252	647690	44.887	ng		99
90) Benzo(a)pyrene	24.92	252	618972	44.228	ng		100
91) Dibenzo(a,h)anthracene	28.95	278	431399	33.418	ng		98
92) Benzo(g,h,i)perylene	30.09	276	496363	38.005	ng		98

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

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