Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036755.D
Acq On : 17 Sep 2018 15:25
Operator : JU/SJ
Sample : J4940-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2MSD

Quant Time: Sep 17 18:01:43 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	8.05	152	57527	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	225534	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	147996	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	383538	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	374195	20.00	ng	-0.01
86) Perylene-d12	24.89	264	386236	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	504380	139.08	ng	0.00
7) Phenol-d6	7.21	99	696763	134.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	434005	104.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	295628	167.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	922569	89.01	ng	-0.01
78) Terphenyl-d14	20.02	244	1467892	91.69	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	51404	30.373	ng	96
3) Pyridine	3.93	79	114149	24.028	ng	97
4) n-Nitrosodimethylamine	3.84	42	77972	36.850	ng	97
6) Aniline	7.38	93	170909	25.932	ng	98
8) 2-Chlorophenol	7.62	128	146589	37.274	ng	98
9) Benzaldehyde	7.19	77	74482	20.831	ng	97
10) Phenol	7.24	94	222815	41.007	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	147781	34.306	ng	99
12) 1,3-Dichlorobenzene	7.94	146	154788	34.469	ng	99
13) 1,4-Dichlorobenzene	8.09	146	153878	33.940	ng	98
14) 1,2-Dichlorobenzene	8.41	146	147350	34.031	ng	98
15) Benzyl Alcohol	8.29	79	147399	35.215	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	283765	32.664	ng	99
17) 2-Methylphenol	8.49	107	136547	37.846	ng	94
18) Hexachloroethane	9.13	117	56906	35.008	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	125047	32.225	ng	95
20) 3+4-Methylphenols	8.82	107	187477	37.219	ng	98
22) Acetophenone	8.87	105	230479	38.916	ng	97
24) Nitrobenzene	9.25	77	182072	40.619	ng	96
25) Isophorone	9.77	82	347990	42.141	ng	96
26) 2-Nitrophenol	9.96	139	81415	45.836	ng	99
27) 2,4-Dimethylphenol	10.02	122	147802	44.945	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	202485	39.954	ng	98
29) 2,4-Dichlorophenol	10.50	162	159020	44.123	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	163874	38.869	ng	97
31) Naphthalene	10.91	128	465558	41.294	ng	98
32) Benzoic acid	10.10	122	10429	8.358	ng	94
33) 4-Chloroaniline	11.01	127	159675	30.907	ng	97
34) Hexachlorobutadiene	11.19	225	109401	38.621	ng	97
35) Caprolactam	11.78	113	60242	41.960	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	178138	42.538	ng	97
37) 2-Methylnaphthalene	12.51	142	361843	43.863	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	203526	38.860	ng	98
40) Hexachlorocyclopentadiene	12.85	237	252607	92.699	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	138345	43.363	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	151750	44.595	ng		98
45) 1,1'-Biphenyl	13.51	154	456992	37.200	ng		98
46) 2-Chloronaphthalene	13.55	162	353483	37.691	ng		99
47) 2-Nitroaniline	13.75	65	130796	44.413	ng		99
48) Acenaphthylene	14.40	152	601760	41.056	ng		100
49) Dimethylphthalate	14.13	163	581754	48.140	ng		98
50) 2,6-Dinitrotoluene	14.25	165	108346	43.570	ng		95
51) Acenaphthene	14.74	154	353570	37.666	ng		100
52) 3-Nitroaniline	14.57	138	99426	37.103	ng		99
53) 2,4-Dinitrophenol	14.78	184	45542	48.351	ng		93
54) Dibenzofuran	15.07	168	573653	39.007	ng		100
55) 4-Nitrophenol	14.88	139	171747	78.386	ng		97
56) 2,4-Dinitrotoluene	15.03	165	152822	47.154	ng		91
57) Fluorene	15.72	166	466057	42.392	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	148688	46.506	ng		96
59) Diethylphthalate	15.49	149	484117	39.751	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	262291	38.637	ng		99
61) 4-Nitroaniline	15.74	138	121080	43.179	ng		98
62) Azobenzene	16.00	77	475800	38.397	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	70407	41.789	ng		97
65) n-Nitrosodiphenylamine	15.93	169	427061	37.474	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	172838	38.490	ng		99
67) Hexachlorobenzene	16.73	284	175910	38.311	ng		98
68) Atrazine	16.87	200	187381	43.806	ng		97
69) Pentachlorophenol	17.07	266	196251	62.888	ng		97
70) Phenanthrene	17.46	178	789995	40.536	ng		99
71) Anthracene	17.55	178	800602	41.211	ng		100
72) Carbazole	17.82	167	715021	36.854	ng		99
73) Di-n-butylphthalate	18.38	149	815901	37.765	ng		99
74) Fluoranthene	19.46	202	959276	40.372	ng		99
76) Benzidine	19.64	184	167604	14.039	ng		98
77) Pyrene	19.83	202	949984	41.284	ng		99
79) Butylbenzylphthalate	20.71	149	362255	39.558	ng		97
80) Benzo(a)anthracene	21.67	228	918835	40.532	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	257920	28.548	ng		100
82) Chrysene	21.73	228	866407	40.321	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	496017	38.707	ng		99
84) Di-n-octyl phthalate	22.78	149	836058	39.060	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	1025049	41.072	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	909126	42.388	ng		97
88) Benzo(k)fluoranthene	23.94	252	866898	41.373	ng		99
89) Benzo(a)pyrene	24.74	252	874491	42.431	ng		100
90) Dibenzo(a,h)anthracene	28.59	278	828367	41.634	ng		98
91) Benzo(g,h,i)perylene	29.68	276	848688	42.446	ng		96

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

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