Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036633.D
Acq On : 10 Sep 2018 20:20
Operator : JU/SJ
Sample : J4769-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-090718-CMS

Quant Time: Sep 11 01:55:12 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	54664	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	235301	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	160144	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	415089	20.00	ng		0.00
75) Chrysene-d12	21.69	240	412070	20.00	ng		0.00
86) Perylene-d12	24.90	264	425857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	366404	106.33	ng		0.00
7) Phenol-d6	7.21	99	476787	96.64	ng		0.00
23) Nitrobenzene-d5	9.22	82	349476	80.58	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	247941	129.75	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	813794	72.56	ng		0.00
78) Terphenyl-d14	20.03	244	1416677	80.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51643	32.112	ng	#	90
3) Pyridine	3.94	79	146502	32.454	ng		98
4) n-Nitrosodimethylamine	3.84	42	79578	39.579	ng		98
6) Aniline	7.38	93	151843	24.246	ng		98
8) 2-Chlorophenol	7.62	128	159942	42.800	ng		98
9) Benzaldehyde	7.19	77	82409	24.255	ng		98
10) Phenol	7.24	94	197008	38.156	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	160055	39.101	ng		97
12) 1,3-Dichlorobenzene	7.94	146	156757	36.736	ng		98
13) 1,4-Dichlorobenzene	8.09	146	163545	37.961	ng		96
14) 1,2-Dichlorobenzene	8.41	146	157469	38.273	ng		98
15) Benzyl Alcohol	8.29	79	163209	41.034	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	305617	37.022	ng		99
17) 2-Methylphenol	8.49	107	146790	42.816	ng		98
18) Hexachloroethane	9.14	117	59318	38.403	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	141197	38.292	ng		94
20) 3+4-Methylphenols	8.82	107	206778	43.200	ng		99
22) Acetophenone	8.88	105	261845	42.377	ng	#	98
24) Nitrobenzene	9.26	77	207583	44.388	ng		96
25) Isophorone	9.78	82	396014	45.967	ng		98
26) 2-Nitrophenol	9.97	139	87323	47.122	ng		98
27) 2,4-Dimethylphenol	10.03	122	169359	49.363	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	228913	43.294	ng		98
29) 2,4-Dichlorophenol	10.50	162	182188	48.453	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	181490	41.260	ng		99
31) Naphthalene	10.91	128	580335	49.338	ng		99
32) Benzoic acid	10.13	122	54831	24.024	ng		96
33) 4-Chloroaniline	11.01	127	49460	9.176	ng		98
34) Hexachlorobutadiene	11.20	225	122474	41.441	ng		98
35) Caprolactam	11.79	113	51814	34.592	ng		91
36) 4-Chloro-3-methylphenol	12.13	107	207517	47.497	ng		99
37) 2-Methylnaphthalene	12.51	142	417095	48.462	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	239019	42.175	ng		98
40) Hexachlorocyclopentadiene	12.86	237	259518	88.011	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	164732	47.717	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	179949	48.870	ng		99
45) 1,1'-Biphenyl	13.52	154	541492	40.734	ng		98
46) 2-Chloronaphthalene	13.56	162	421297	41.514	ng		99
47) 2-Nitroaniline	13.76	65	151288	47.474	ng		97
48) Acenaphthylene	14.40	152	731177	46.102	ng		100
49) Dimethylphthalate	14.13	163	585815	44.798	ng		99
50) 2,6-Dinitrotoluene	14.25	165	126297	46.936	ng		96
51) Acenaphthene	14.75	154	445431	43.852	ng		100
52) 3-Nitroaniline	14.58	138	87237	30.085	ng		98
53) 2,4-Dinitrophenol	14.78	184	38478	37.752	ng		92
54) Dibenzofuran	15.08	168	703100	44.183	ng		99
55) 4-Nitrophenol	14.88	139	158237	66.742	ng		99
56) 2,4-Dinitrotoluene	15.04	165	178904	51.014	ng		92
57) Fluorene	15.73	166	563028	47.328	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	176064	50.892	ng		95
59) Diethylphthalate	15.49	149	587553	44.584	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	326266	44.415	ng		98
61) 4-Nitroaniline	15.74	138	134947	44.473	ng		97
62) Azobenzene	16.01	77	572268	42.679	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	52004	28.520	ng		98
65) n-Nitrosodiphenylamine	15.93	169	520003	42.161	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	216891	44.629	ng		98
67) Hexachlorobenzene	16.73	284	220439	44.360	ng		94
68) Atrazine	16.88	200	221872	47.926	ng		99
69) Pentachlorophenol	17.07	266	190560	56.423	ng		97
70) Phenanthrene	17.47	178	957604	45.402	ng		99
71) Anthracene	17.56	178	967537	46.019	ng		98
72) Carbazole	17.82	167	846686	40.324	ng		99
73) Di-n-butylphthalate	18.38	149	977175	41.792	ng		100
74) Fluoranthene	19.47	202	1144090	44.490	ng		99
76) Benzidine	19.65	184	189234	14.394	ng		98
77) Pyrene	19.83	202	1137203	44.878	ng		98
79) Butylbenzylphthalate	20.72	149	445951	44.221	ng		95
80) Benzo(a)anthracene	21.67	228	1148130	45.992	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	241442	24.268	ng		99
82) Chrysene	21.74	228	1085494	45.874	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	613205	43.453	ng		99
84) Di-n-octyl phthalate	22.79	149	1033991	43.867	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1136562	41.354	ng	#	96
87) Benzo(b)fluoranthene	23.88	252	1124427	47.549	ng		96
88) Benzo(k)fluoranthene	23.95	252	1132647	49.026	ng		98
89) Benzo(a)pyrene	24.75	252	1094993	48.187	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	866030	39.477	ng		97
91) Benzo(g,h,i)perylene	29.69	276	917487	41.618	ng		96

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

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