Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037362.D
Acq On : 16 Oct 2018 16:51
Operator : JU/SJ
Sample : J5516-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSSI-1011-S-DH-31MS

Quant Time: Oct 17 01:38:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57703	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	260031	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	175905	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	432649	20.00	ng		-0.02
76) Chrysene-d12	21.78	240	403537	20.00	ng		-0.02
87) Perylene-d12	25.12	264	425800	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	269615	82.23	ng		0.00
7) Phenol-d6	7.25	99	398433	80.06	ng		0.00
23) Nitrobenzene-d5	9.29	82	213828	54.06	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	142934	82.85	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	549902	46.95	ng		-0.02
79) Terphenyl-d14	20.09	244	884028	46.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	29605	16.077	ng		99
3) Pyridine	3.94	79	76793	17.564	ng		92
4) n-Nitrosodimethylamine	3.86	42	38142	22.465	ng		91
6) Aniline	7.43	93	84138	12.915	ng		97
8) 2-Chlorophenol	7.67	128	100051	26.073	ng		99
9) Benzaldehyde	7.25	77	44445	12.972	ng		97
10) Phenol	7.28	94	145657	27.790	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	93075	21.736	ng		93
12) 1,3-Dichlorobenzene	8.00	146	99214	21.993	ng		99
13) 1,4-Dichlorobenzene	8.15	146	102222	22.382	ng		97
14) 1,2-Dichlorobenzene	8.47	146	99169	22.407	ng		97
15) Benzyl Alcohol	8.35	79	90526	23.255	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	170507	20.142	ng		98
17) 2-Methylphenol	8.54	107	92565	26.369	ng		98
18) Hexachloroethane	9.19	117	35459	22.747	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	78829	20.922	ng		94
20) 3+4-Methylphenols	8.87	107	128130	26.105	ng		99
22) Acetophenone	8.94	105	151683	23.141	ng	#	97
24) Nitrobenzene	9.33	77	112696	26.603	ng		98
25) Isophorone	9.85	82	226896	25.130	ng		97
26) 2-Nitrophenol	10.04	139	45860	32.498	ng		94
27) 2,4-Dimethylphenol	10.08	122	109410	28.991	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	140147	24.809	ng		97
29) 2,4-Dichlorophenol	10.57	162	106658	27.841	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	106184	22.778	ng		97
31) Naphthalene	10.99	128	319208	25.259	ng		99
32) Benzoic acid	10.08	122	109410	52.503	ng	#	13
33) 4-Chloroaniline	11.09	127	83895	14.152	ng		97
34) Hexachlorobutadiene	11.25	225	60731	20.978	ng		94
35) Caprolactam	11.86	113	33840	21.668	ng	#	85
36) 4-Chloro-3-methylphenol	12.19	107	121803	26.921	ng		98
37) 2-Methylnaphthalene	12.58	142	247884	26.878	ng		96
38) 1-Methylnaphthalene	12.80	142	234404	26.024	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	125433	22.019	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	127625	54.345 ng		99
43) 2,4,6-Trichlorophenol	13.18	196	89015	26.936 ng		97
44) 2,4,5-Trichlorophenol	13.25	196	100532	28.274 ng		99
46) 1,1'-Biphenyl	13.58	154	333154	23.024 ng		99
47) 2-Chloronaphthalene	13.62	162	254365	23.272 ng		98
48) 2-Nitroaniline	13.83	65	77429	28.766 ng		97
49) Acenaphthylene	14.47	152	430294	25.735 ng		99
50) Dimethylphthalate	14.19	163	392494	28.392 ng		100
51) 2,6-Dinitrotoluene	14.32	165	71513	28.774 ng		95
52) Acenaphthene	14.81	154	249266	24.135 ng		98
53) 3-Nitroaniline	14.65	138	60027	20.754 ng		96
54) 2,4-Dinitrophenol	14.85	184	9972	14.416 ng		91
55) Dibenzofuran	15.14	168	406404	24.251 ng		99
56) 4-Nitrophenol	14.94	139	122714	54.429 ng		93
57) 2,4-Dinitrotoluene	15.10	165	95134	30.215 ng		99
58) Fluorene	15.79	166	324232	25.582 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	87398	27.763 ng		98
60) Diethylphthalate	15.55	149	346245	24.168 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	170953	23.075 ng		98
62) 4-Nitroaniline	15.81	138	80997	26.681 ng		93
63) Azobenzene	16.07	77	328384	23.907 ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	29304	24.904 ng		99
66) n-Nitrosodiphenylamine	15.99	169	300488	23.650 ng		98
67) 4-Bromophenyl-phenylether	16.67	248	106748	22.861 ng		99
68) Hexachlorobenzene	16.78	284	108283	22.367 ng		96
69) Atrazine	16.94	200	114756	24.301 ng		99
70) Pentachlorophenol	17.13	266	112932	36.156 ng		98
71) Phenanthrene	17.53	178	551223	25.029 ng		99
72) Anthracene	17.63	178	563640	26.147 ng		99
73) Carbazole	17.90	167	525276	23.650 ng		99
74) Di-n-butylphthalate	18.44	149	621559	26.110 ng		98
75) Fluoranthene	19.54	202	658850	25.596 ng		99
77) Benzidine	19.72	184	175118	11.344 ng		99
78) Pyrene	19.90	202	658169	25.025 ng		99
80) Butylbenzylphthalate	20.78	149	273808	26.758 ng		96
81) Benzo(a)anthracene	21.76	228	612920	25.361 ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	126492	13.568 ng		99
83) Chrysene	21.83	228	566699	24.581 ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	385417	26.230 ng		98
85) Di-n-octyl phthalate	22.89	149	645425	27.063 ng		97
86) Indeno(1,2,3-cd)pyrene	28.95	276	643814	25.195 ng	#	96
88) Benzo(b)fluoranthene	24.05	252	599313	25.888 ng		99
89) Benzo(k)fluoranthene	24.12	252	561194	24.567 ng		97
90) Benzo(a)pyrene	24.95	252	571713	25.755 ng		99
91) Dibenzo(a,h)anthracene	29.02	278	529133	24.912 ng		97
92) Benzo(g,h,i)perylene	30.15	276	537620	25.344 ng		97

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

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