Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037363.D
Acq On : 16 Oct 2018 17:29
Operator : JU/SJ
Sample : J5516-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 17 01:38:56 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	70687	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	322699	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	217967	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	521974	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	471153	20.00	ng		-0.02
87) Perylene-d12	25.12	264	501702	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	400661	99.75	ng		0.00
7) Phenol-d6	7.25	99	589565	96.71	ng		0.00
23) Nitrobenzene-d5	9.29	82	322220	65.65	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	214946	100.55	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	786347	54.18	ng		-0.01
79) Terphenyl-d14	20.09	244	1207744	53.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	40780	18.078	ng		100
3) Pyridine	3.93	79	121258	22.640	ng		96
4) n-Nitrosodimethylamine	3.86	42	53890	25.910	ng		89
6) Aniline	7.44	93	123481	15.473	ng		97
8) 2-Chlorophenol	7.67	128	142909	30.401	ng		99
9) Benzaldehyde	7.25	77	64537	15.376	ng		97
10) Phenol	7.28	94	210225	32.741	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	134519	25.645	ng		96
12) 1,3-Dichlorobenzene	8.00	146	141190	25.549	ng		98
13) 1,4-Dichlorobenzene	8.15	146	143363	25.624	ng		97
14) 1,2-Dichlorobenzene	8.47	146	137348	25.334	ng		97
15) Benzyl Alcohol	8.35	79	130890	27.448	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	239834	23.128	ng		98
17) 2-Methylphenol	8.54	107	133540	31.054	ng		98
18) Hexachloroethane	9.20	117	50149	26.261	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	113991	24.697	ng		94
20) 3+4-Methylphenols	8.87	107	186349	30.992	ng		97
22) Acetophenone	8.94	105	220423	27.097	ng		96
24) Nitrobenzene	9.33	77	161081	30.640	ng		95
25) Isophorone	9.85	82	326591	29.147	ng		97
26) 2-Nitrophenol	10.04	139	70673	38.545	ng		97
27) 2,4-Dimethylphenol	10.09	122	167871	35.843	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	199324	28.433	ng		95
29) 2,4-Dichlorophenol	10.57	162	156910	33.004	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	150012	25.930	ng		98
31) Naphthalene	10.98	128	451728	28.804	ng		99
32) Benzoic acid	10.09	122	167871	64.913	ng	#	12
33) 4-Chloroaniline	11.10	127	104362	14.186	ng		96
34) Hexachlorobutadiene	11.25	225	88014	24.499	ng		95
35) Caprolactam	11.87	113	61088	31.518	ng	#	88
36) 4-Chloro-3-methylphenol	12.20	107	174637	31.103	ng		96
37) 2-Methylnaphthalene	12.58	142	350347	30.611	ng		99
38) 1-Methylnaphthalene	12.80	142	336511	30.104	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	180854	25.622	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	190558	65.485 ng		98
43) 2,4,6-Trichlorophenol	13.18	196	135302	33.042 ng		97
44) 2,4,5-Trichlorophenol	13.25	196	150405	34.138 ng		99
46) 1,1'-Biphenyl	13.58	154	459972	25.653 ng		99
47) 2-Chloronaphthalene	13.63	162	360477	26.616 ng		98
48) 2-Nitroaniline	13.83	65	114139	33.130 ng		89
49) Acenaphthylene	14.47	152	604354	29.170 ng		99
50) Dimethylphthalate	14.20	163	543714	31.741 ng		100
51) 2,6-Dinitrotoluene	14.32	165	104502	33.070 ng		94
52) Acenaphthene	14.81	154	348573	27.238 ng		100
53) 3-Nitroaniline	14.66	138	77330	21.577 ng	#	95
54) 2,4-Dinitrophenol	14.85	184	24218	28.255 ng		94
55) Dibenzofuran	15.14	168	566350	27.273 ng		99
56) 4-Nitrophenol	14.94	139	181304	64.898 ng		98
57) 2,4-Dinitrotoluene	15.10	165	143500	35.623 ng		95
58) Fluorene	15.79	166	460682	29.334 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	132174	33.885 ng		99
60) Diethylphthalate	15.55	149	496823	27.987 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	241288	26.284 ng		98
62) 4-Nitroaniline	15.81	138	117079	31.124 ng		93
63) Azobenzene	16.07	77	460564	27.060 ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	52627	34.167 ng		96
66) n-Nitrosodiphenylamine	16.00	169	428753	27.970 ng		98
67) 4-Bromophenyl-phenylether	16.68	248	154896	27.496 ng		97
68) Hexachlorobenzene	16.78	284	156919	26.866 ng		97
69) Atrazine	16.94	200	162098	28.452 ng		99
70) Pentachlorophenol	17.13	266	175979	46.699 ng		96
71) Phenanthrene	17.54	178	763307	28.728 ng		100
72) Anthracene	17.62	178	777725	29.904 ng		98
73) Carbazole	17.89	167	716305	26.732 ng		99
74) Di-n-butylphthalate	18.43	149	840961	29.281 ng		99
75) Fluoranthene	19.54	202	894129	28.792 ng		100
77) Benzidine	19.72	184	311247	17.268 ng		100
78) Pyrene	19.90	202	886498	28.870 ng		99
80) Butylbenzylphthalate	20.77	149	375735	31.450 ng		99
81) Benzo(a)anthracene	21.75	228	822333	29.143 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	163443	15.015 ng		99
83) Chrysene	21.82	228	765499	28.439 ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	528201	30.789 ng		100
85) Di-n-octyl phthalate	22.89	149	885148	31.788 ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	888469	29.779 ng		98
88) Benzo(b)fluoranthene	24.05	252	794873	29.141 ng		99
89) Benzo(k)fluoranthene	24.12	252	788885	29.310 ng		98
90) Benzo(a)pyrene	24.96	252	780836	29.854 ng		99
91) Dibenzo(a,h)anthracene	29.03	278	732762	29.280 ng		98
92) Benzo(g,h,i)perylene	30.16	276	737056	29.488 ng		97

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

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