Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037568.D
Acq On : 26 Oct 2018 6:44
Operator : JU/SJ
Sample : J5655-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0008MSD

Quant Time: Oct 26 07:49:05 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	8.10	152	61140	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	281426	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	184553	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	427598	20.00	ng		0.00
76) Chrysene-d12	21.77	240	378529	20.00	ng		0.00
87) Perylene-d12	25.11	264	398558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	221199	60.49	ng		0.00
7) Phenol-d6	7.25	99	201520	36.44	ng		0.00
23) Nitrobenzene-d5	9.28	82	414385	82.48	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	253216	125.80	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	962285	78.63	ng		0.00
79) Terphenyl-d14	20.08	244	1372544	77.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	26334	14.199	ng		98
3) Pyridine	3.94	79	59003	12.623	ng		93
4) n-Nitrosodimethylamine	3.85	42	35633	21.402	ng		97
6) Aniline	7.43	93	141790	21.018	ng		99
8) 2-Chlorophenol	7.66	128	187639	43.860	ng		98
9) Benzaldehyde	7.25	77	137177	39.656	ng		99
10) Phenol	7.27	94	94274	16.158	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	217453	49.071	ng		98
12) 1,3-Dichlorobenzene	7.99	146	207231	43.511	ng		98
13) 1,4-Dichlorobenzene	8.14	146	212478	43.613	ng		97
14) 1,2-Dichlorobenzene	8.46	146	209735	44.754	ng		98
15) Benzyl Alcohol	8.34	79	124634	30.503	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	394858	49.799	ng		98
17) 2-Methylphenol	8.54	107	142737	37.004	ng		99
18) Hexachloroethane	9.19	117	73807	44.438	ng		89
19) n-Nitroso-di-n-propylamine	8.91	70	186395	48.949	ng		98
20) 3+4-Methylphenols	8.87	107	175961	31.906	ng		98
22) Acetophenone	8.94	105	348253	49.341	ng	#	97
24) Nitrobenzene	9.32	77	264376	50.657	ng		94
25) Isophorone	9.84	82	536906	58.491	ng		97
26) 2-Nitrophenol	10.04	139	129115	54.917	ng		98
27) 2,4-Dimethylphenol	10.08	122	211427	50.366	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	320441	53.282	ng		96
29) 2,4-Dichlorophenol	10.56	162	234956	50.270	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	236044	46.441	ng		99
31) Naphthalene	10.98	128	707712	51.198	ng		99
32) Benzoic acid	10.16	122	44058	16.159	ng		98
33) 4-Chloroaniline	11.09	127	123175	18.965	ng		98
34) Hexachlorobutadiene	11.24	225	134274	44.574	ng		99
35) Caprolactam	11.88	113	12950m	6.908	ng		
36) 4-Chloro-3-methylphenol	12.19	107	248800	47.201	ng		98
37) 2-Methylnaphthalene	12.57	142	559249	55.501	ng		99
38) 1-Methylnaphthalene	12.79	142	528983	54.057	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	283335	47.597	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	302708	106.456 ng		98
43) 2,4,6-Trichlorophenol	13.17	196	212144	53.343 ng		99
44) 2,4,5-Trichlorophenol	13.24	196	229291	52.954 ng		98
46) 1,1'-Biphenyl	13.57	154	720522	47.142 ng		99
47) 2-Chloronaphthalene	13.62	162	568105	49.131 ng		99
48) 2-Nitroaniline	13.83	65	193838	55.279 ng		94
49) Acenaphthylene	14.47	152	944331	54.290 ng		99
50) Dimethylphthalate	14.19	163	736587	51.591 ng		100
51) 2,6-Dinitrotoluene	14.32	165	171214	54.208 ng		93
52) Acenaphthene	14.80	154	551711	51.502 ng		98
53) 3-Nitroaniline	14.65	138	105989	30.228 ng	#	98
54) 2,4-Dinitrophenol	14.85	184	153783	96.588 ng		96
55) Dibenzofuran	15.14	168	873829	49.233 ng		97
56) 4-Nitrophenol	14.94	139	135689	52.281 ng		98
57) 2,4-Dinitrotoluene	15.10	165	237295	57.235 ng		96
58) Fluorene	15.78	166	713628	53.692 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	202514	54.625 ng		99
60) Diethylphthalate	15.54	149	751144	51.245 ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	377442	48.721 ng		97
62) 4-Nitroaniline	15.82	138	171175	49.130 ng		95
63) Azobenzene	16.06	77	717003	51.268 ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	123926	53.948 ng		98
66) n-Nitrosodiphenylamine	15.99	169	639665	49.732 ng		99
67) 4-Bromophenyl-phenylether	16.67	248	238247	50.737 ng		99
68) Hexachlorobenzene	16.77	284	241305	49.583 ng		100
69) Atrazine	16.93	200	242393	52.123 ng		99
70) Pentachlorophenol	17.12	266	287202	88.102 ng		96
71) Phenanthrene	17.53	178	1144037	52.643 ng		98
72) Anthracene	17.62	178	1155838	54.197 ng		96
73) Carbazole	17.89	167	1042972	48.890 ng		98
74) Di-n-butylphthalate	18.43	149	1233213	51.966 ng		99
75) Fluoranthene	19.53	202	1309628	53.133 ng		97
77) Benzidine	19.71	184	349108	27.124 ng		100
78) Pyrene	19.89	202	1289400	52.108 ng		98
80) Butylbenzylphthalate	20.76	149	570347	56.319 ng		99
81) Benzo(a)anthracene	21.75	228	1215959	54.309 ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	321112	37.001 ng		99
83) Chrysene	21.82	228	1128531	52.419 ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	793908	55.927 ng		99
85) Di-n-octyl phthalate	22.87	149	1336510	57.738 ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	1337219	57.910 ng		98
88) Benzo(b)fluoranthene	24.04	252	1228418	56.219 ng		98
89) Benzo(k)fluoranthene	24.11	252	1168236	54.571 ng		97
90) Benzo(a)pyrene	24.95	252	1167797	56.244 ng		98
91) Dibenzo(a,h)anthracene	29.00	278	1075263	56.143 ng		96
92) Benzo(g,h,i)perylene	30.15	276	1093226	56.420 ng		99

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

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