Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037578.D
Acq On : 26 Oct 2018 13:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 26 13:57:52 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	55624	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	254422	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	164576	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	384211	20.00	ng		0.00
76) Chrysene-d12	21.77	240	350224	20.00	ng		0.00
87) Perylene-d12	25.10	264	362536	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	268322	80.65	ng		0.00
7) Phenol-d6	7.24	99	393622	78.24	ng		0.00
23) Nitrobenzene-d5	9.28	82	368247	81.08	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	149443	83.25	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	863935	79.16	ng		0.00
79) Terphenyl-d14	20.08	244	1282890	78.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	66971	39.692	ng		97
3) Pyridine	3.93	79	166880	39.242	ng		95
4) n-Nitrosodimethylamine	3.85	42	61535	40.625	ng	#	88
6) Aniline	7.43	93	243847	39.731	ng		97
8) 2-Chlorophenol	7.66	128	153798	39.514	ng		100
9) Benzaldehyde	7.24	77	114161	36.275	ng		98
10) Phenol	7.27	94	209962	39.554	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	158712	39.367	ng		94
12) 1,3-Dichlorobenzene	7.99	146	168404	38.865	ng		98
13) 1,4-Dichlorobenzene	8.14	146	172072	38.822	ng		99
14) 1,2-Dichlorobenzene	8.46	146	164052	38.477	ng		98
15) Benzyl Alcohol	8.34	79	146650	39.450	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	289014	40.065	ng		98
17) 2-Methylphenol	8.53	107	137014	39.043	ng		98
18) Hexachloroethane	9.19	117	61159	40.474	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	135452	39.098	ng		92
20) 3+4-Methylphenols	8.86	107	197381	39.339	ng		98
22) Acetophenone	8.93	105	245380	38.456	ng	#	98
24) Nitrobenzene	9.32	77	192987	40.903	ng		96
25) Isophorone	9.84	82	331404	39.936	ng		99
26) 2-Nitrophenol	10.03	139	92424	43.484	ng		98
27) 2,4-Dimethylphenol	10.07	122	150006	39.527	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	215442	39.625	ng		98
29) 2,4-Dichlorophenol	10.56	162	170189	40.278	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	179869	39.144	ng		97
31) Naphthalene	10.97	128	493513	39.492	ng		99
32) Benzoic acid	10.20	122	120356	48.828	ng		98
33) 4-Chloroaniline	11.08	127	233468	39.762	ng		98
34) Hexachlorobutadiene	11.24	225	107315	39.405	ng		98
35) Caprolactam	11.87	113	68851	40.628	ng		94
36) 4-Chloro-3-methylphenol	12.18	107	190549	39.987	ng		99
37) 2-Methylnaphthalene	12.57	142	360848	39.612	ng		99
38) 1-Methylnaphthalene	12.79	142	347213	39.248	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	210346	39.625	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	96250	37.958	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	148080	41.754	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	157813	40.870	ng		96
46) 1,1'-Biphenyl	13.57	154	537261	39.418	ng		99
47) 2-Chloronaphthalene	13.62	162	407530	39.522	ng		99
48) 2-Nitroaniline	13.83	65	131730	42.127	ng		96
49) Acenaphthylene	14.46	152	624986	40.292	ng		99
50) Dimethylphthalate	14.19	163	502508	39.468	ng		100
51) 2,6-Dinitrotoluene	14.32	165	114276	40.573	ng		97
52) Acenaphthene	14.80	154	378806	39.654	ng		97
53) 3-Nitroaniline	14.65	138	131144	41.942	ng	#	94
54) 2,4-Dinitrophenol	14.84	184	37563	43.716	ng		92
55) Dibenzofuran	15.13	168	620569	39.208	ng		100
56) 4-Nitrophenol	14.93	139	94769	40.947	ng		98
57) 2,4-Dinitrotoluene	15.10	165	161615	43.713	ng		94
58) Fluorene	15.78	166	469312	39.596	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	135439	40.967	ng		100
60) Diethylphthalate	15.54	149	522429	39.968	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	269292	38.981	ng		98
62) 4-Nitroaniline	15.81	138	128965	41.508	ng		95
63) Azobenzene	16.06	77	497048	39.855	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	78280	40.452	ng		93
66) n-Nitrosodiphenylamine	15.98	169	456860	39.531	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	167285	39.648	ng		98
68) Hexachlorobenzene	16.78	284	168937	38.633	ng		97
69) Atrazine	16.93	200	164536	39.377	ng		98
70) Pentachlorophenol	17.12	266	117753	40.201	ng		96
71) Phenanthrene	17.52	178	775386	39.709	ng		99
72) Anthracene	17.62	178	765324	39.938	ng		99
73) Carbazole	17.89	167	774098	40.384	ng		99
74) Di-n-butylphthalate	18.42	149	883718	41.444	ng		100
75) Fluoranthene	19.53	202	881363	39.796	ng		98
77) Benzidine	19.72	184	402330	33.785	ng		99
78) Pyrene	19.89	202	901636	39.382	ng		100
80) Butylbenzylphthalate	20.76	149	390346	41.660	ng		99
81) Benzo(a)anthracene	21.75	228	811777	39.187	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	317987	39.603	ng		98
83) Chrysene	21.82	228	782045	39.261	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	557493	42.447	ng		99
85) Di-n-octyl phthalate	22.87	149	908670	42.428	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	831899	38.938	ng	#	90
88) Benzo(b)fluoranthene	24.03	252	791515	39.823	ng		99
89) Benzo(k)fluoranthene	24.10	252	781394	40.128	ng		99
90) Benzo(a)pyrene	24.94	252	763870	40.446	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	685750	39.363	ng		98
92) Benzo(g,h,i)perylene	30.13	276	680235	38.595	ng		99

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

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