Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037627.D
Acq On : 29 Oct 2018 17:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 29 18:29:50 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	61848	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	284610	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	185625	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	432970	20.00	ng		0.00
76) Chrysene-d12	21.77	240	382367	20.00	ng		0.00
87) Perylene-d12	25.10	264	397654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	298831	80.78	ng		0.00
7) Phenol-d6	7.25	99	448884	80.25	ng		0.00
23) Nitrobenzene-d5	9.28	82	417727	82.22	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	163515	80.76	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	966191	78.49	ng		0.00
79) Terphenyl-d14	20.08	244	1403606	78.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	72452	38.619	ng		98
3) Pyridine	3.93	79	182475	38.591	ng		95
4) n-Nitrosodimethylamine	3.85	42	68976	40.954	ng	#	85
6) Aniline	7.42	93	274696	40.253	ng		97
8) 2-Chlorophenol	7.66	128	174458	40.312	ng		97
9) Benzaldehyde	7.24	77	127672	36.486	ng		96
10) Phenol	7.27	94	237868	40.302	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	179173	39.970	ng		97
12) 1,3-Dichlorobenzene	7.99	146	190074	39.451	ng		97
13) 1,4-Dichlorobenzene	8.14	146	194269	39.419	ng		98
14) 1,2-Dichlorobenzene	8.46	146	186198	39.276	ng		99
15) Benzyl Alcohol	8.34	79	168280	40.713	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	327680	40.854	ng		97
17) 2-Methylphenol	8.53	107	157917	40.471	ng		99
18) Hexachloroethane	9.19	117	67622	40.248	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	154481	40.104	ng		98
20) 3+4-Methylphenols	8.86	107	227240	40.732	ng		98
22) Acetophenone	8.93	105	279744	39.191	ng	#	98
24) Nitrobenzene	9.32	77	213861	40.519	ng		96
25) Isophorone	9.84	82	378215	40.742	ng		98
26) 2-Nitrophenol	10.03	139	107756	45.320	ng		98
27) 2,4-Dimethylphenol	10.07	122	171504	40.398	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	243461	40.029	ng		95
29) 2,4-Dichlorophenol	10.56	162	192113	40.644	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	204703	39.824	ng		98
31) Naphthalene	10.97	128	554972	39.700	ng		99
32) Benzoic acid	10.20	122	131723	47.771	ng		96
33) 4-Chloroaniline	11.08	127	264595	40.284	ng		98
34) Hexachlorobutadiene	11.24	225	120612	39.590	ng		99
35) Caprolactam	11.88	113	74955	39.539	ng		92
36) 4-Chloro-3-methylphenol	12.19	107	214112	40.166	ng		98
37) 2-Methylnaphthalene	12.57	142	405111	39.754	ng		99
38) 1-Methylnaphthalene	12.79	142	389215	39.329	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	238504	39.834	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	114673	40.095	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	166786	41.696	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	176274	40.475	ng		98
46) 1,1'-Biphenyl	13.57	154	601949	39.156	ng		98
47) 2-Chloronaphthalene	13.62	162	460590	39.603	ng		99
48) 2-Nitroaniline	13.83	65	150255	42.603	ng		97
49) Acenaphthylene	14.46	152	694316	39.686	ng		99
50) Dimethylphthalate	14.19	163	564063	39.279	ng		99
51) 2,6-Dinitrotoluene	14.32	165	130807	41.176	ng		97
52) Acenaphthene	14.80	154	422033	39.169	ng		98
53) 3-Nitroaniline	14.65	138	146196	41.454	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	39621	41.911	ng		98
55) Dibenzofuran	15.13	168	685833	38.418	ng		99
56) 4-Nitrophenol	14.94	139	105237	40.314	ng		96
57) 2,4-Dinitrotoluene	15.10	165	179125	42.955	ng		97
58) Fluorene	15.78	166	516580	38.642	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	149057	39.973	ng		99
60) Diethylphthalate	15.54	149	584263	39.630	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	304055	39.022	ng		99
62) 4-Nitroaniline	15.81	138	142925	40.785	ng		93
63) Azobenzene	16.06	77	549687	39.078	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	90503	41.281	ng		100
66) n-Nitrosodiphenylamine	15.98	169	512337	39.338	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	185920	39.102	ng		100
68) Hexachlorobenzene	16.78	284	191064	38.772	ng		97
69) Atrazine	16.92	200	181230	38.488	ng		98
70) Pentachlorophenol	17.12	266	128245	38.852	ng		97
71) Phenanthrene	17.52	178	848985	38.582	ng		100
72) Anthracene	17.62	178	844353	39.100	ng		98
73) Carbazole	17.89	167	848082	39.261	ng		100
74) Di-n-butylphthalate	18.42	149	969511	40.347	ng		99
75) Fluoranthene	19.53	202	972006	38.946	ng		98
77) Benzidine	19.72	184	511039	39.306	ng		100
78) Pyrene	19.89	202	996432	39.864	ng		99
80) Butylbenzylphthalate	20.76	149	435853	42.606	ng		97
81) Benzo(a)anthracene	21.75	228	900263	39.805	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	350004	39.926	ng		99
83) Chrysene	21.82	228	859652	39.529	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	613169	42.762	ng		100
85) Di-n-octyl phthalate	22.87	149	1003410	42.913	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	914593	39.210	ng	#	92
88) Benzo(b)fluoranthene	24.03	252	872191	40.007	ng		99
89) Benzo(k)fluoranthene	24.10	252	852808	39.927	ng		98
90) Benzo(a)pyrene	24.94	252	832954	40.209	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	712080	37.264	ng		99
92) Benzo(g,h,i)perylene	30.13	276	718380	37.159	ng		97

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

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