Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040707.D
Acq On : 2 May 2019 15:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 03 04:22:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49157	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	220315	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	161568	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	423433	20.00	ng		-0.01
76) Chrysene-d12	21.80	240	458503	20.00	ng		-0.02
87) Perylene-d12	25.16	264	456319	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	246348	88.34	ng		0.00
7) Phenol-d6	7.28	99	387242	90.19	ng		-0.01
23) Nitrobenzene-d5	9.32	82	437048	91.66	ng		-0.01
42) 2,4,6-Tribromophenol	16.26	330	205739	92.64	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	933957	83.48	ng		-0.01
79) Terphenyl-d14	20.11	244	1687002	81.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	56822	44.804	ng		91
3) Pyridine	3.95	79	171494	46.653	ng		99
4) n-Nitrosodimethylamine	3.87	42	89436	43.864	ng		93
6) Aniline	7.47	93	243882	42.853	ng		99
8) 2-Chlorophenol	7.70	128	147975	43.458	ng		93
9) Benzaldehyde	7.29	77	113785	46.032	ng		96
10) Phenol	7.31	94	204444	44.295	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	147609	42.648	ng		97
12) 1,3-Dichlorobenzene	8.03	146	161649	43.494	ng		98
13) 1,4-Dichlorobenzene	8.18	146	159534	42.344	ng		99
14) 1,2-Dichlorobenzene	8.50	146	154267	42.458	ng		99
15) Benzyl Alcohol	8.38	79	186062	41.647	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	261470	37.945	ng		98
17) 2-Methylphenol	8.57	107	140011	42.865	ng		94
18) Hexachloroethane	9.24	117	63008	40.769	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	153037	39.595	ng		97
20) 3+4-Methylphenols	8.90	107	194845	42.821	ng		98
22) Acetophenone	8.98	105	264644	43.197	ng	#	98
24) Nitrobenzene	9.37	77	225083	44.244	ng		96
25) Isophorone	9.88	82	428273	40.324	ng		98
26) 2-Nitrophenol	10.08	139	91951	50.424	ng		94
27) 2,4-Dimethylphenol	10.12	122	143694	41.997	ng		100
28) bis(2-Chloroethoxy)methane	10.36	93	219818	41.252	ng		98
29) 2,4-Dichlorophenol	10.61	162	173245	44.538	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	188354	43.665	ng		98
31) Naphthalene	11.02	128	490599	41.915	ng		98
32) Benzoic acid	10.24	122	122353	52.236	ng		92
33) 4-Chloroaniline	11.13	127	222022	42.782	ng		95
34) Hexachlorobutadiene	11.29	225	142838	44.853	ng		99
35) Caprolactam	11.92	113	67883	44.202	ng	#	90
36) 4-Chloro-3-methylphenol	12.23	107	219817	44.796	ng		98
37) 2-Methylnaphthalene	12.61	142	372743	42.593	ng		99
38) 1-Methylnaphthalene	12.83	142	362641	42.395	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	253117	42.054	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	183982	51.803	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	163938	45.072	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	181029	45.689	ng		98
46) 1,1'-Biphenyl	13.61	154	506539	40.380	ng		98
47) 2-Chloronaphthalene	13.66	162	412927	42.062	ng		98
48) 2-Nitroaniline	13.87	65	173107	49.537	ng		98
49) Acenaphthylene	14.50	152	685551	41.160	ng		99
50) Dimethylphthalate	14.22	163	574134	42.472	ng		98
51) 2,6-Dinitrotoluene	14.35	165	130606	49.504	ng		87
52) Acenaphthene	14.84	154	398045	41.037	ng		94
53) 3-Nitroaniline	14.68	138	128902	47.684	ng		95
54) 2,4-Dinitrophenol	14.88	184	53881	40.050	ng	#	85
55) Dibenzofuran	15.18	168	671056	42.238	ng		100
56) 4-Nitrophenol	14.97	139	107179	45.724	ng		94
57) 2,4-Dinitrotoluene	15.14	165	187672	52.349	ng		91
58) Fluorene	15.82	166	540451	42.087	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	183942	46.124	ng		98
60) Diethylphthalate	15.58	149	589258	41.315	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	327685	43.876	ng		96
62) 4-Nitroaniline	15.85	138	141695	46.858	ng		96
63) Azobenzene	16.10	77	587981	40.030	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	94827	45.828	ng		90
66) n-Nitrosodiphenylamine	16.02	169	485161	38.944	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	215960	40.937	ng		97
68) Hexachlorobenzene	16.81	284	225810	41.397	ng		95
69) Atrazine	16.96	200	185652	37.614	ng		94
70) Pentachlorophenol	17.16	266	140438	43.997	ng		98
71) Phenanthrene	17.56	178	935574	41.021	ng		98
72) Anthracene	17.66	178	928920	40.520	ng		99
73) Carbazole	17.93	167	846217	40.515	ng		99
74) Di-n-butylphthalate	18.46	149	1003025	39.787	ng		100
75) Fluoranthene	19.57	202	1197608	42.137	ng		99
77) Benzidine	19.74	184	482040	38.397	ng		99
78) Pyrene	19.92	202	1204243	41.906	ng		98
80) Butylbenzylphthalate	20.79	149	452986	40.444	ng		95
81) Benzo(a)anthracene	21.79	228	1190542	41.085	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	417591	40.431	ng		99
83) Chrysene	21.86	228	1135417	41.200	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	633589	39.188	ng		98
85) Di-n-octyl phthalate	22.92	149	1066002	39.150	ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1333916	40.034	ng		93
88) Benzo(b)fluoranthene	24.09	252	1167514	41.869	ng		97
89) Benzo(k)fluoranthene	24.16	252	1085332	41.677	ng		98
90) Benzo(a)pyrene	25.01	252	1099232	41.645	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	1052757	39.412	ng		98
92) Benzo(g,h,i)perylene	30.26	276	1043321	39.246	ng		98

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

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