Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040036.D
Acq On : 20 Mar 2019 15:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 21 09:27:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38785	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	179928	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	119491	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	285487	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	267775	20.00	ng		-0.02
87) Perylene-d12	25.15	264	272197	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	179010	78.74	ng		-0.02
7) Phenol-d6	7.29	99	273969	80.82	ng		-0.02
23) Nitrobenzene-d5	9.32	82	272756	81.99	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	116323	83.52	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	672666	80.15	ng		-0.02
79) Terphenyl-d14	20.11	244	983823	80.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	34686	33.047	ng		92
3) Pyridine	3.98	79	103622	36.877	ng		96
4) n-Nitrosodimethylamine	3.90	42	50765	38.083	ng	#	89
6) Aniline	7.47	93	176017	39.633	ng		99
8) 2-Chlorophenol	7.70	128	109156	39.576	ng		97
9) Benzaldehyde	7.28	77	74973	34.287	ng		97
10) Phenol	7.32	94	145688	39.672	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	117513	41.043	ng		97
12) 1,3-Dichlorobenzene	8.03	146	124951	40.057	ng		98
13) 1,4-Dichlorobenzene	8.18	146	125334	39.446	ng		98
14) 1,2-Dichlorobenzene	8.50	146	122361	39.858	ng		98
15) Benzyl Alcohol	8.38	79	107486	39.973	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	223338	39.002	ng		99
17) 2-Methylphenol	8.57	107	95086	40.608	ng		96
18) Hexachloroethane	9.23	117	46119	40.453	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	95398	39.099	ng		91
20) 3+4-Methylphenols	8.90	107	131381	40.388	ng		97
22) Acetophenone	8.97	105	191969	39.752	ng	#	92
24) Nitrobenzene	9.36	77	140008	40.116	ng		96
25) Isophorone	9.88	82	278209	39.911	ng		97
26) 2-Nitrophenol	10.07	139	71194	42.250	ng		96
27) 2,4-Dimethylphenol	10.11	122	105453	40.238	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	168617	39.804	ng		97
29) 2,4-Dichlorophenol	10.60	162	120920	40.980	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	130884	39.419	ng		100
31) Naphthalene	11.01	128	373965	39.256	ng		99
32) Benzoic acid	10.24	122	56219	33.546	ng		97
33) 4-Chloroaniline	11.12	127	163089	40.373	ng		98
34) Hexachlorobutadiene	11.28	225	91946	40.525	ng		95
35) Caprolactam	11.92	113	44590	39.560	ng	#	87
36) 4-Chloro-3-methylphenol	12.23	107	133285	39.405	ng		97
37) 2-Methylnaphthalene	12.61	142	283443	39.797	ng		98
38) 1-Methylnaphthalene	12.83	142	275457	39.798	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	161508	39.898	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	90705	41.812	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	99437	41.957	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	108543	40.632	ng		98
46) 1,1'-Biphenyl	13.60	154	393241	40.012	ng		100
47) 2-Chloronaphthalene	13.66	162	296212	40.064	ng		97
48) 2-Nitroaniline	13.86	65	99349	41.813	ng		95
49) Acenaphthylene	14.50	152	486885	40.115	ng		98
50) Dimethylphthalate	14.22	163	394627	39.495	ng		100
51) 2,6-Dinitrotoluene	14.35	165	89615	42.307	ng		95
52) Acenaphthene	14.84	154	290570	39.776	ng		99
53) 3-Nitroaniline	14.68	138	87169	40.939	ng	#	89
54) 2,4-Dinitrophenol	14.88	184	50839	40.814	ng		97
55) Dibenzofuran	15.17	168	472891	39.456	ng		99
56) 4-Nitrophenol	14.98	139	70999	37.275	ng	#	86
57) 2,4-Dinitrotoluene	15.13	165	127021	42.677	ng		86
58) Fluorene	15.81	166	376607	39.971	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	107928	41.369	ng		97
60) Diethylphthalate	15.57	149	394356	39.870	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	198709	39.521	ng		96
62) 4-Nitroaniline	15.85	138	94128	40.777	ng		95
63) Azobenzene	16.09	77	360887	40.250	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	71400	42.299	ng		98
66) n-Nitrosodiphenylamine	16.02	169	338235	40.924	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	130381	40.801	ng		94
68) Hexachlorobenzene	16.81	284	135960	41.046	ng		96
69) Atrazine	16.95	200	125849	38.690	ng		95
70) Pentachlorophenol	17.16	266	82039	39.216	ng		99
71) Phenanthrene	17.56	178	618625	39.340	ng		99
72) Anthracene	17.65	178	610390	39.833	ng		99
73) Carbazole	17.92	167	529601	38.336	ng		99
74) Di-n-butylphthalate	18.44	149	646148	39.754	ng		100
75) Fluoranthene	19.56	202	711038	38.261	ng		99
77) Benzidine	19.74	184	272393	32.056	ng		99
78) Pyrene	19.92	202	708400	40.712	ng		99
80) Butylbenzylphthalate	20.78	149	279925	41.524	ng		97
81) Benzo(a)anthracene	21.78	228	658122	39.215	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	233913	38.177	ng		99
83) Chrysene	21.85	228	630638	38.761	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	398305	42.046	ng		98
85) Di-n-octyl phthalate	22.89	149	662295	42.224	ng		95
86) Indeno(1,2,3-cd)pyrene	29.02	276	736744	39.916	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	646515	39.831	ng		97
89) Benzo(k)fluoranthene	24.15	252	589428	39.011	ng		97
90) Benzo(a)pyrene	25.00	252	605101	40.343	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	580130	39.453	ng		97
92) Benzo(g,h,i)perylene	30.24	276	594252	40.239	ng		98

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

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