Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040431.D
Acq On : 11 Apr 2019 3:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 11 03:42:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52611	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	222126	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	148838	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	389077	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	419882	20.00	ng		-0.03
87) Perylene-d12	24.97	264	440303	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	257130	81.25	ng		-0.02
7) Phenol-d6	7.20	99	361799	82.72	ng		-0.02
23) Nitrobenzene-d5	9.22	82	345755	82.74	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	151638	94.27	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	806545	80.30	ng		-0.02
79) Terphenyl-d14	20.02	244	1434782	76.87	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	61917	41.608	ng		95
3) Pyridine	3.90	79	159498	39.808	ng		99
4) n-Nitrosodimethylamine	3.82	42	71615	38.641	ng	#	91
6) Aniline	7.37	93	225717	39.722	ng		98
8) 2-Chlorophenol	7.61	128	148987	40.216	ng		96
9) Benzaldehyde	7.19	77	107337	35.777	ng		100
10) Phenol	7.23	94	194976	41.071	ng		100
11) bis(2-Chloroethyl)ether	7.47	93	151892	39.947	ng		98
12) 1,3-Dichlorobenzene	7.93	146	162457	40.340	ng		95
13) 1,4-Dichlorobenzene	8.08	146	162865	40.605	ng		97
14) 1,2-Dichlorobenzene	8.40	146	152697	39.810	ng		99
15) Benzyl Alcohol	8.29	79	133257	37.832	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	289478	39.669	ng		99
17) 2-Methylphenol	8.48	107	129364	39.380	ng		98
18) Hexachloroethane	9.12	117	58944	38.634	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	119571	38.130	ng		98
20) 3+4-Methylphenols	8.81	107	180276	40.509	ng		99
22) Acetophenone	8.88	105	226398	40.859	ng	#	98
24) Nitrobenzene	9.26	77	177955	41.122	ng		97
25) Isophorone	9.77	82	347021	40.358	ng		100
26) 2-Nitrophenol	9.97	139	85155	41.529	ng		97
27) 2,4-Dimethylphenol	10.02	122	128601	39.483	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	209933	41.268	ng		96
29) 2,4-Dichlorophenol	10.50	162	149586	42.311	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	159064	40.975	ng		99
31) Naphthalene	10.91	128	474900	41.711	ng		100
32) Benzoic acid	10.16	122	69665	35.400	ng		99
33) 4-Chloroaniline	11.03	127	203706	41.945	ng		98
34) Hexachlorobutadiene	11.17	225	99504	40.079	ng		95
35) Caprolactam	11.82	113	62406	44.481	ng		96
36) 4-Chloro-3-methylphenol	12.14	107	183522	45.154	ng		99
37) 2-Methylnaphthalene	12.51	142	353905	42.028	ng		99
38) 1-Methylnaphthalene	12.72	142	349328	42.781	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	188340	39.813	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	91036	35.048	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	123706	40.560	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	140426	42.241	ng		98
46) 1,1'-Biphenyl	13.51	154	470656	40.021	ng		99
47) 2-Chloronaphthalene	13.56	162	360914	40.009	ng		99
48) 2-Nitroaniline	13.77	65	129161	42.448	ng		97
49) Acenaphthylene	14.40	152	627537	41.030	ng		99
50) Dimethylphthalate	14.13	163	490278	42.089	ng		98
51) 2,6-Dinitrotoluene	14.26	165	113102	43.242	ng		96
52) Acenaphthene	14.74	154	360082	41.087	ng		98
53) 3-Nitroaniline	14.60	138	123264	44.522	ng		93
54) 2,4-Dinitrophenol	14.80	184	61958	44.542	ng		92
55) Dibenzofuran	15.07	168	598727	42.516	ng		100
56) 4-Nitrophenol	14.90	139	89816	40.195	ng		96
57) 2,4-Dinitrotoluene	15.05	165	167731	46.152	ng		97
58) Fluorene	15.72	166	484211	43.733	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	134333	44.530	ng		99
60) Diethylphthalate	15.48	149	528563	44.343	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	251767	42.541	ng		97
62) 4-Nitroaniline	15.76	138	136625	45.983	ng		97
63) Azobenzene	16.00	77	494962	44.022	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	92795	42.452	ng		99
66) n-Nitrosodiphenylamine	15.93	169	449471	39.478	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	175040	39.977	ng		98
68) Hexachlorobenzene	16.72	284	177776	40.382	ng		96
69) Atrazine	16.87	200	167778	39.614	ng		98
70) Pentachlorophenol	17.07	266	91939	36.123	ng		92
71) Phenanthrene	17.47	178	845403	41.339	ng		99
72) Anthracene	17.55	178	839688	41.022	ng		99
73) Carbazole	17.83	167	821544	42.409	ng		100
74) Di-n-butylphthalate	18.36	149	978554	42.615	ng		99
75) Fluoranthene	19.47	202	1071960	44.266	ng		99
77) Benzidine	19.66	184	610591	40.270	ng		98
78) Pyrene	19.83	202	1075825	38.962	ng		99
80) Butylbenzylphthalate	20.70	149	481735	40.771	ng		97
81) Benzo(a)anthracene	21.67	228	1052080	40.680	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	407609	41.431	ng		100
83) Chrysene	21.74	228	1016920	40.913	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	695256	41.164	ng		99
85) Di-n-octyl phthalate	22.76	149	1187474	41.266	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1247419	41.034	ng	#	86
88) Benzo(b)fluoranthene	23.92	252	1101554	40.863	ng		98
89) Benzo(k)fluoranthene	23.99	252	1016792	41.016	ng		100
90) Benzo(a)pyrene	24.82	252	1045450	41.334	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	993152	42.278	ng		98
92) Benzo(g,h,i)perylene	29.93	276	1023066	42.378	ng		100

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

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