Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043614.D
Acq On : 13 Nov 2019 16:05
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 14 01:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36763	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	144765	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	102351	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	241188	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	257078	20.00	ng		-0.01
87) Perylene-d12	24.82	264	307465	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	169844	84.66	ng		0.00
7) Phenol-d6	7.20	99	247847	85.86	ng		0.00
23) Nitrobenzene-d5	9.16	82	231152	82.32	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	150917	77.48	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	610939	82.48	ng		-0.01
79) Terphenyl-d14	19.99	244	1094711	79.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	29560	37.810	ng		97
3) Pyridine	3.86	79	81647	41.400	ng		96
4) n-Nitrosodimethylamine	3.78	42	44569	44.786	ng	#	88
6) Aniline	7.33	93	134930	40.579	ng		99
8) 2-Chlorophenol	7.58	128	90880	41.036	ng		97
9) Benzaldehyde	7.14	77	60561	42.692	ng		95
10) Phenol	7.23	94	111864	42.410	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	79065	38.771	ng		99
12) 1,3-Dichlorobenzene	7.89	146	112529	40.555	ng		97
13) 1,4-Dichlorobenzene	8.04	146	114671	40.846	ng		98
14) 1,2-Dichlorobenzene	8.35	146	106908	39.002	ng		98
15) Benzyl Alcohol	8.25	79	84332	41.601	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.52	45	113448	38.259	ng		95
17) 2-Methylphenol	8.47	107	80733	41.986	ng		96
18) Hexachloroethane	9.08	117	40461	39.947	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	70899	38.012	ng		93
20) 3+4-Methylphenols	8.80	107	107353	40.715	ng	#	80
22) Acetophenone	8.82	105	150264	40.532	ng	#	96
24) Nitrobenzene	9.20	77	107164	40.062	ng	#	95
25) Isophorone	9.73	82	197939	38.556	ng		99
26) 2-Nitrophenol	9.92	139	54627	42.300	ng		94
27) 2,4-Dimethylphenol	9.99	122	78086	42.187	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	112930	39.856	ng		99
29) 2,4-Dichlorophenol	10.47	162	100758	42.486	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	121107	40.517	ng		99
31) Naphthalene	10.86	128	298505	40.623	ng		100
32) Benzoic acid	10.19	122	55899	41.145	ng		91
33) 4-Chloroaniline	10.97	127	125067	41.521	ng		97
34) Hexachlorobutadiene	11.14	225	88293	39.960	ng		93
35) Caprolactam	11.75	113	33555	41.082	ng		92
36) 4-Chloro-3-methylphenol	12.12	107	105428	40.755	ng		96
37) 2-Methylnaphthalene	12.46	142	225576	40.009	ng		97
38) 1-Methylnaphthalene	12.68	142	208180	38.807	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	158573	41.863	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	85508	42.974	ng		93
43) 2,4,6-Trichlorophenol	13.08	196	91529	41.031	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	92853	41.173	ng		98
46) 1,1'-Biphenyl	13.46	154	321955	41.349	ng		100
47) 2-Chloronaphthalene	13.51	162	244904	41.338	ng		97
48) 2-Nitroaniline	13.72	65	73571	41.550	ng		93
49) Acenaphthylene	14.35	152	381528	41.379	ng		98
50) Dimethylphthalate	14.09	163	315376	39.781	ng		100
51) 2,6-Dinitrotoluene	14.20	165	69190	40.173	ng		96
52) Acenaphthene	14.69	154	229181	40.758	ng		97
53) 3-Nitroaniline	14.55	138	67483	40.583	ng	#	99
54) 2,4-Dinitrophenol	14.76	184	35321	37.135	ng		92
55) Dibenzofuran	15.03	168	365742	40.110	ng		97
56) 4-Nitrophenol	14.90	139	39919	35.824	ng		96
57) 2,4-Dinitrotoluene	15.00	165	99303	40.345	ng		99
58) Fluorene	15.68	166	309243	40.435	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	89189	37.223	ng		98
60) Diethylphthalate	15.44	149	313192	39.317	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	179751	40.289	ng		97
62) 4-Nitroaniline	15.71	138	71283	41.509	ng		94
63) Azobenzene	15.96	77	257871	40.000	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	50089	35.289	ng		97
66) n-Nitrosodiphenylamine	15.88	169	273020	40.095	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	124729	38.427	ng		94
68) Hexachlorobenzene	16.68	284	144157	38.691	ng		97
69) Atrazine	16.83	200	91506	38.674	ng		95
70) Pentachlorophenol	17.04	266	61972	36.503	ng		98
71) Phenanthrene	17.42	178	485120	39.279	ng		100
72) Anthracene	17.51	178	495190	40.074	ng		99
73) Carbazole	17.79	167	435577	38.925	ng		98
74) Di-n-butylphthalate	18.33	149	528242	38.905	ng		99
75) Fluoranthene	19.43	202	622014	38.631	ng		99
77) Benzidine	19.62	184	216277	41.803	ng		99
78) Pyrene	19.79	202	628288	39.483	ng		99
80) Butylbenzylphthalate	20.67	149	245384	40.702	ng		99
81) Benzo(a)anthracene	21.63	228	652355	40.511	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	260962	41.899	ng		100
83) Chrysene	21.69	228	635309	39.707	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	356812	41.665	ng		100
85) Di-n-octyl phthalate	22.72	149	608612	41.889	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	834692	41.561	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	708394	40.680	ng		98
89) Benzo(k)fluoranthene	23.89	252	682892	38.954	ng		98
90) Benzo(a)pyrene	24.68	252	669437	40.257	ng		98
91) Dibenzo(a,h)anthracene	28.51	278	693005	40.743	ng		96
92) Benzo(g,h,i)perylene	29.59	276	671336	40.014	ng		99

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

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